

BU ZUI YI SHENG Active Probiotics

1. Product Core Introduction

1. Main Function: The product promotes alcohol metabolism and relieves gastrointestinal discomfort. It protects the liver, stomach, and intestines, making you feel more comfortable after meals and more relaxed after drinking.
2. Directions for use: Open the package and consume 15 to 20 minutes before or after a meal, mixed with warm water (<37 degrees Celsius), cold water, or milk. It can also be consumed directly; 1-2 times daily, 1 packet each time.
3. Warm reminder: If you use antibiotics, you need to wait two hours before using them. Pregnant women, breastfeeding women and children are prohibited from consuming them!

2. Product Introduction

1. Perfect for social gatherings and parties, this portable package is perfect for taking with you.
2. Unique five-layer encapsulation technology uses live bacteria to produce enzymes, protecting your health!
3. Patented strains alleviate alcohol-induced symptoms such as persistent flushing, increased heart rate, stomach discomfort, and headaches.

As health awareness becomes increasingly popular, the probiotics market is experiencing unprecedented growth opportunities. The company has officially launched Buzuiyi Life Probiotic Powder, a brand-new probiotic product tailored specifically for Chinese consumers. This product utilizes 10 core ingredients (including 8 patented ingredients, 1 core ingredient, and 1 encapsulation technology), boasting a staggering 60 billion live bacteria per bag and an astonishing 3.6 trillion live

bacteria per box. This innovative formula improves intestinal health and effectively boosts metabolism, providing comprehensive health protection for consumers. Furthermore, the product utilizes gastric acid-resistant technology to prevent degradation by stomach acid, ensuring that the probiotics reach the intestines and maximize their effectiveness.

(1) World-class R&D team

The group has brought together Nobel laureates and experts from the Chinese Academy of Sciences to continuously upgrade formulas, developing formulations that are most compatible with the human intestinal flora and striving to create high-quality domestically produced products.

(2) Double the regulation of intestinal flora balance

Each bag contains 60 billion live bacteria, and the total live bacteria count reaches 3.6 trillion, allowing you to be fully active and start your journey of accelerated metabolism!

This product is the first in China to incorporate eight patented strains, one core ingredient, and one patented technology into its products, rapidly balancing intestinal flora.

Imbalance of the intestinal flora can lead to problems like diarrhea and constipation. The probiotics in the active probiotic powder can increase the number of beneficial bacteria in the intestines, maintain a balanced intestinal microbiome, and alleviate these symptoms.

1. *Lactobacillus salivarius AP-32*: This is a probiotic found in the mouth that helps maintain oral health. It has antibacterial and physiological regulatory properties, is highly tolerant to humidity and temperature, and has been awarded a Chinese invention patent. This strain maintains

the balance of beneficial oral bacteria, inhibits oral pathogens with an inhibition rate exceeding 90%, and improves bad breath.

2. *Lactobacillus paracasei* ET-66: This strain is the best at inhibiting oral pathogens and improving periodontitis, bad breath, and pharyngitis. Evidence-based evidence demonstrates that *Lactobacillus paracasei* ET-66 has the following physiological benefits: 1. Helps maintain oral health; 2. Prevents tooth decay and improves periodontitis, bad breath, and pharyngitis; 3. Protects the stomach and inhibits *Helicobacter pylori*.

3. *Lactobacillus plantarum* LPL28: Inhibits harmful bacteria, breaks down lactose, lowers cholesterol, and treats indigestion and enteritis. It can effectively restore normal intestinal function in adults. In recent years, *Lactobacillus plantarum* has been widely used for its benefits, including regulating blood lipids, combating allergies, regulating immunity, promoting urinary tract health, inhibiting fish pathogens, and promoting fermented foods.

4. Postbiotic Totipro Probiotic Powder PE0301: "A Black Technology Achievement," Totipro® ushers in the Probiotics 4.0 era. Utilizing the HeaLAC heat-locked production process, Totipro®, a brand-new product that revolutionizes next-generation materials, completely reshapes the features of Probiotics 3.0 products, offering enhanced advantages and ushering in a new chapter in the Probiotics 4.0 era, becoming a pioneer in postbiotic applications. Totipro® redefines the probiotic health market. Live cell count is no longer the sole indicator of product success; instead, the human body needs the "fermented essence of probiotics." Totipro® is crafted from the pure, extracted probiotic fermentation essence of four carefully selected probiotic strains: *Lactobacillus plantarum*, *Lactobacillus salivarius*, *Bifidobacterium longum*, and *Lactobacillus acidophilus*. It boasts natural, stable, and multi-functional properties, transcending temperature limitations and the challenges of viable bacterial survival. It has significant effects in oral

health, immune regulation, antibacterial, antioxidant, melanin inhibition, bowel movement promotion/optimization of intestinal flora, and improvement of metabolism.

5. *Lactobacillus plantarum* TSP05: Reduces purine content and uric acid levels. Its excellent purine-degrading ability is expected to be used to reduce purine content in food. Furthermore, it can be combined with *Lactobacillus mucilaginosus* TSF331 and *Lactobacillus mucilaginosus* TSR332 to not only reduce purine content in food *in vitro*, thereby reducing purine intake, but also improve uric acid metabolism *in vivo*, potentially improving or preventing uric acid metabolism.

6. *Lactobacillus mucilaginosus* TSF331: Promotes digestion, boosts immunity, improves intestinal health, promotes nutrient absorption, regulates intestinal flora, and lowers uric acid levels. This non-pathogenic Gram-positive bacterium has multiple protective effects, including fighting pathogens and enhancing immunity. This specific strain of *Lactobacillus mucilaginosus* has shown significant effects in accelerating the breakdown of purine nucleosides, lowering serum uric acid levels, and repairing alcoholic liver damage. TSF331 stands out among thousands of strains for its multifunctional properties. Besides its advantages in intestinal health and excellent intestinal adsorption, it can also effectively reduce uric acid levels and repair alcoholic liver damage.

7. *Lactobacillus mucilaginosus* TSR332: This lactic acid bacterium naturally occurs in the intestines of all vertebrates and mammals. It has strong adhesion to the intestinal mucosa, improves intestinal flora distribution, antagonizes the colonization of harmful bacteria, prevents intestinal diseases, and improves human function and immunity. *Lactobacillus reuteri* TSR-332 has a strong ability to degrade purines,

breaking down nucleosides into purine bases that are poorly absorbed by the intestine, effectively lowering blood uric acid levels.

8. *Weizmannella coagulans* CCFM1041: An ideal probiotic for promoting intestinal health. It can restore the intestinal microecological balance in multiple ways. 1) It increases the content of organic acids in the intestine, such as lactic acid, acetic acid, propionic acid, and butyric acid, thereby maintaining a weakly acidic environment in the intestinal lumen, preventing the overgrowth of harmful bacteria and providing energy for intestinal epithelial cells; 2) It produces antimicrobial substances, such as bacteriocins, lipopeptides, and phenyllactic acid, which inhibit the proliferation of harmful bacteria in the intestine; and 3) It consumes oxygen in the intestinal lumen, promoting an anaerobic environment that favors the survival of beneficial strict anaerobic bacteria. Both spores and vegetative bodies of *Weizmannella coagulans* are recognized by intestinal immune cells, enhancing the body's natural nonspecific immunity. In cases of inflammatory bowel disease, it can also suppress intestinal inflammation. Bacterial metabolites such as short-chain fatty acids, exopolysaccharides, bacteriocins, and cellular components such as lipoteichoic acid, peptidoglycan, and spore coat also play an important role.

9. *Pediococcus pentosaceus*: As a type of lactic acid bacteria, its beneficial effects are gaining increasing attention and recognition. Using *Pediococcus pentosaceus* in the intestines to intervene in human health, it specifically breaks down excess body substances. Lowering blood sugar, blood lipids, and uric acid, breaking down alcohol, and treating cancer are five key research areas for *Pediococcus pentosaceus*. Also known as alcohol-loving probiotics, *Pediococcus pentosaceus* feeds on alcohol and multiplies its population with alcohol. Approximately one hour after starting to break down alcohol, the probiotic population reaches its peak. The growing population of alcohol-loving probiotics

breaks down most of the alcohol into carbon dioxide and water before it enters the bloodstream and liver, reducing the burden on the liver. Once all the alcohol in the intestines is broken down, the population of alcohol-loving probiotics increases exponentially. Once in the large intestine, they thoroughly break down the residue within the folds, resulting in abundant, formed stools the next day, a feeling of relief and relaxation. This smooth bowel movement often lasts for 3-5 days.

Without drinking alcohol, taking 1-2 bottles of Buzui Yisheng probiotic powder every day will also have a good effect on clearing the intestines and defecation.

10. Utilizing cutting-edge probiotic technology—a postbiotic bacterial encapsulation device—we employ an innovative five-layer encapsulation technology to build a solid protective wall for probiotics against intestinal challenges such as gastric acid and bile. Live bacteria produce enzymes, protecting your health! These five layers of encapsulation technology are interconnected, each playing a unique role. The first, a waterproof layer, acts like a "protective suit" for the probiotics, effectively isolating them from external moisture. The second, a damage-resistant layer, acts like armor, effectively resisting physical damage and ensuring the integrity of the probiotics during transportation and storage. The third, an antioxidant layer, inhibits oxidation to maintain the activity of the probiotics and prolong their efficacy. The fourth, a microenvironment stabilization layer, maintains the microecological environment in which the probiotics reside, protecting their targeted colonization and ensuring they remain in optimal condition under all conditions. The fifth layer, the elasticity and toughness enhancement layer, is the "magic weapon" that helps probiotics pass through harsh environments such as gastric acid and bile, preventing them from being destroyed by bile and helping them reach the intestines smoothly and exert their health benefits.

(3) Promote digestion

Active probiotic powder can promote digestion and help break down the nutrients in food, making it easier for the body to digest. It can also relieve discomfort such as indigestion and bloating.

(4) Promote nutrient absorption

Active probiotic powder can also increase the absorption of nutrients such as calcium and magnesium, synthesize nutrients such as B vitamins and vitamin K, maintain the acidic environment of the gastrointestinal tract, and promote the comprehensive absorption of nutrients.

(5) Improve resistance

Active probiotic powder also has the effect of improving resistance. By stimulating the intestinal mucosal epithelium, it causes it to secrete immune substances, thereby helping to resist diseases.

(6) Enhance intestinal barrier function

Active probiotics can not only strengthen the defense barrier of the intestinal mucosa, but also effectively intercept harmful substances and prevent them from penetrating into the blood, thereby protecting other important organs from damage.

Active probiotic powder, as a microbial preparation beneficial to the human body, plays an important role in maintaining human health.

Precautions: While active probiotic powder is beneficial, it is not suitable for everyone. People with probiotic allergies, severe immune disorders, or liver or kidney dysfunction should avoid using it. Furthermore, probiotic powder should not be taken with antibacterial medications to avoid compromising their efficacy.