



# REFINE

## HEALTHY

### SUPPLEMENT

# Bifidobacterium bifidum Probiotic

The Mucosal Specialist for Immune Priming & Gut Barrier Defense.

## Product Overview



*Bifidobacterium bifidum* is a pioneer probiotic strain, especially abundant in the gut of healthy breastfed infants and playing a key role in immune system development. This versatile strain serves as a powerful ally for supporting digestive comfort, strengthening the gut barrier, and modulating the immune system. Available in a high-intensity specification of 200 billion CFU.

## Technical Advantages



Our *Bifidobacterium bifidum* is engineered for superior host interaction and defense support.



**Exceptional Mucosal Adhesion:** Demonstrates a superior ability to adhere to the intestinal mucus layer, enabling persistent colonization for forming a protective biological barrier against pathogens.



**Powerful Immune Priming:** Interacts with gut-associated lymphoid tissue (GALT), effectively "educating" and priming the immune system for a balanced and efficient response.



**High-Intensity 200B CFU Formula:** is designed for therapeutic-grade supplements where a substantial dose is required for effectively colonizing the mucosal niche and exerting robust immune-modulatory effects.



**Broad HMO Utilization:** Metabolizes a wide array of Human Milk Oligosaccharides (HMOs), making it a cornerstone for infant gut health; an indicator of its high adaptability in the gut environment.



**Competitive Exclusion:** Competes with pathogens for binding sites and nutrients, effectively crowding out harmful microorganisms and contributing to a resilient gut ecosystem.

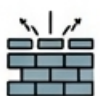
## Application Scenarios



**Immune Priming & Defense Supplements:** Synergistically combines with antibodies and defense supplements.



**Infant Nutrition & Formula**  
Secure secure gut climate for founding a gut line.



**Gut Barrier Integrity Products**  
Secure adhesion and barrier integrity along the gut line.



**Synbiotic Formulations with HMOs/GOS:** Perfectly synergizes with HMOs utilizing Galact/GOS and Probiotics.

## Product Specifications | Contact

Available in Bulk Powder: 200 Billion CFU  
Private labeling and technical formulation support provided.