Creative Enzymes®

# Bifidobacterium longum freeze-drying powder used in supplement

*Cat. No. PRBT-007*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | B. longum BL 21 is a strongly EPS-producer, and has strong immune adjustment ability, is a typical adult-type Bifidobacterium strain. B.longum normally is considered to be a scavenger, possessing multiple catabolic pathways to use a large variety of nutrients to increase its competitiveness among the gut flora. Up to 19 types of permease exist to transport various carbohydrates with 13 being ATP-binding cassette transporters. |
| ***Applications*** | • Dietary Supplements - Capsules, Powder, Tablets; • Food - Bars, Powdered Beverages. |
| ***Synonyms*** | Bifidobacterium longum freeze-drying powder used in supplement; Bifidobacterium Longum |

## Product Information

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| ***Appearance*** | White To Light Yellow-Colored, Free-Flowing Powder |
| ***Purity*** | >90% |
| ***Activity*** | • 300 billion CFU/g; • Overage provided. |

## Storage and Shipping Information

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| ***Storage*** | Recommend storage at refrigeration (4 °C) or frozen temperature (-18 °C) in original, sealed package until processed. |
| ***Stability*** | 24 Months |