

PRODUCT GUIDE

Engevita[®] HiPRO



PREMIUM, HIGH PROTEIN NUTRITIONAL YEAST **NEW**

- High protein content $\geq 55\%$
- Complete protein containing sufficient amounts of all 9 essential amino acids required for dietary needs
- Primary-grown yeast
- Significant quantity of dietary fiber
- Easily and slowly digested protein
- Support for athlete
- Protein to support weight management
- Fiber and protein for appetite control
- Manage age related muscle loss
- Light, flavor enhancing properties
- Increases salt perception
- Complements dairy notes
- Masks off-tastes

All-Natural
Non-GMO
Allergen-free
Gluten-free
Vegan
Kosher
Halal

Yeast protein is **slowly digested**, providing a steady supply of nutrients to the body over time, and helping to maintain muscle mass

Leucine is the amino acid that actively stimulates protein synthesis in muscles

In the elderly, muscle wasting often occurs by "**splanchnic amino acid extraction**" or the use of dietary amino acids by internal organs instead of their use to maintain muscle mass

PROTEIN QUALITY CHARACTERISTICS OF COMMONLY USED SUPPLEMENTS

	NUTRITIONAL YEAST	YEAST EXTRACT	WHEY EXTRACT	CASEIN EXTRACT	SOY EXTRACT	HYDROLYSED COLLAGEN
Complete protein	Yes	Yes	Yes	Yes	Yes	No
Rate of digestibility	Slow	Fast	Fast	Slow	Fast	Fast
Amino acid content (g/25g)						
Leucine	2.0	1.6	3.0	2.3	2.1	0.8
Σ Essential amino acids	12.5	10.3	12.4	11.0	9.7	3.8
Σ Branched chain amino acids	5.0	4.1	5.6	4.9	4.5	1.4
Splanchnic AA extraction	Low	Low	Low	Low	High	High

Lallemand internal data, 2015; Deveries and Phillips, 2015.



GLUTEN FREE



LALLEMAND BIO-INGREDIENTS

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SUPPORTING A RANGE OF COMMON HEALTH CONCERNS

GENERAL HEALTH

- High quality protein
- Great in shakes, smoothies, bars
- Easily digested protein

ACTIVE LIFESTYLE

- Contains branched chain amino acids to support muscle synthesis
- Minimizes muscle fatigue and accelerates recovery
- Higher protein diets have been shown to promote gains in muscle mass

VEGAN DIETS

- Complete source of vegetarian/vegan protein
- Easy to add directly to salads, soups, and other home-prepared foods
- Naturally rich in highly bioavailable micro nutrients, including B complex vitamins and beta-glucans

HEALTHY AGING

- Complete protein source
- Can help with sodium reduction
- Higher protein diets have been shown to slow muscle mass loss during aging



Suitable for the whole family



Supports the health of aging populations



Great protein source for athletes