



PanZyme

Serving Size 1 capsule
Servings Per Container 180

Amount Per Serving

Vitamin B6 (pyridoxine)	2 mg
Betaine (HCl)	150 mg
Glutamic acid (HCl)	50 mg
Ammonium chloride	35 mg
Pancreatin 4X	10 mg
Pepsin (1:10,000)	10 mg

OTHER INGREDIENTS: Cellulose, silica, rice flour.

SUGGESTED USE: As a dietary supplement, take 1 capsule with meals or as directed by your healthcare professional.

PANZYME

PROVIDES DIGESTIVE SUPPORT FROM PANCREATIC ENZYMES AND TWO FORMS OF HCL

- Supports digestive processes in the stomach and gastrointestinal tract
- Supports digestion of macro and micronutrients

PANZYME is a complete nutritional product designed to support optimal digestive health. Gastrointestinal function is essential for overall well-being. The ingredients in PanZyme support specific pathways in the stomach and intestinal tract for more complete digestive support.

VITAMIN B6 (PYRIDOXINE) plays numerous roles in the body, including supporting neurotransmitter synthesis, protein metabolism, and modulating homocysteine levels. Vitamin B6 is also needed for the production of hydrochloric acid, an essential component of proper digestive health.

BETAINE HCL/GLUTAMIC HCL are two forms of hydrochloric acid. HCl is naturally secreted by gastric parietal cells and although it does not digest food, it is essential for creating the right environment for supporting digestive processes. HCl activates pepsin, the enzyme that assists in the denaturing of dietary proteins and also protects the body from microorganisms. Glutamic HCl has been reported to be gentler on the stomach than other forms of supplemental HCl. Betaine, or trimethylglycine, acts not only as a carrier for hydrochloric acid, but also as a methyl donor for important liver detoxification pathways. HCl secretion naturally decreases with age, predisposing patients to poor digestion, intestinal microbial overgrowth, and other uncomfortable systemic symptoms.

PEPSIN is a protein-digesting enzyme in the stomach. It's responsible for the hydrolysis of proteins into peptides. The HCl in PanZyme acts to enhance the conversion of endogenous inactive pepsinogen to active pepsin.

PANCREATIN is a mixture of several digestive enzymes produced by the exocrine pancreas. The pancreas is a large gland located behind the stomach that

PANZYME

REFERENCES:

1. Laver P, et al. Pancreatic enzymes: Secretion and luminal nutrient digestion in health and disease. *J Clin Gastroenterol.* 1999 Jan;28(1):3-10.
2. Tarayre JP, Laressesergues H. Advantages of a combination of proteolytic enzymes, flavonoids and ascorbic in comparison with non-steroidal inflammatory agents. *Arzneim Forsch* 1977;27(6):1144-9.

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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secretes digestive enzymes into the small intestine, facilitating the breakdown of proteins, fats, and carbohydrates. In patients with impaired pancreatic function, digestion and absorption of essential nutrients may become severely impaired. For patients with pancreatic insufficiency or food allergies, supplementation of a mild digestive enzyme blend can enhance nutrient uptake as well as gastrointestinal comfort. In addition, anyone who consumes a diet high in processed foods may benefit from enzyme supplementation. Historically, humans consumed much higher levels of raw, plant-based foods than they do today. When these raw foods were consumed with meals, the natural enzymes present would assist the digestive processes. As Americans have decreased their intake of enzymes from raw foods, they have created the need for additional pancreatic enzyme secretion. Research suggests that the excess demand placed on the digestive organs over time can increase the risk of illness related to the intestines and pancreas.