



Enzymes are protein based compounds that function as catalysts to initiate and regulate the biochemical processes necessary for life. The human body produces thousands of different enzymes to catalyze reactions that are needed to maintain homeostasis, including break down, synthesis and repair.

Enzymes operate with substrate specificity, meaning they will only catalyze a reaction with a specific compound or group of compounds. For example, proteases will only catalyze the breakdown of proteins and will not react with carbohydrates or fats. The ability of an enzyme to interact with its substrate is attributed to the conformational structure of the enzyme's active site. Simply stated, the active site of a protease will "fit" with the shape of proteins where it does not "fit" with a carbohydrate or fat.

The need for enzymes are exacerbated with altered digestive function in the upper digestive tract. When stomach acid is altered there is a downstream effect on enzyme secretion from the pancreas. This creates a need for supplemental enzymes to facilitate proper breakdown, absorption and assimilation of nutrients.*

This comprehensive formula includes the following broad range of enzymes (listed below with their functions) at clinically significant levels.*

Amylase: breaks down carbohydrates.

Lipase: breaks down fats.

Proteases (such as Trypsin and Pepsin): breaks down proteins.

Cellulase: breaks down fiber.

Invertase: breaks down sucrose.

Alpha-galactosidase: breaks down carbohydrates in legumes.

Pectinase: breaks down pectin found in fruits.

Hemicellulase: breaks down plant fibers.

Beta-glucanase: breaks down beta-glucan, a special type of fiber found in yeast, grains and mushrooms.

Lactase: breaks down lactose

Bromelain is a mixture of proteolytic (digests proteins) enzymes from the pineapple used to support healthy inflammatory responses.

Papain is a mixture of proteolytic enzymes from the papaya plant most commonly used for digestive support.

Supplement Facts
Serving Size 1 Capsule
Amount Per Serving

Enzyme Blend	301.98 mg
containing:	
Amylase (165,000 DU/g)	145.42 mg
Protease 4.5 (1,000,000 HUT/g)	75 mg
Pectinase (9,000 ENDO PGU/g)	20 mg
Alpha-Galactosidase (30,000 GALU/g)	11.69 mg
Lactase (100,000 ALU/g)	10 mg
Cellulase (200,000 CU/g)	10 mg
Lipase (300,000 FIP/g)	10 mg
Protease 3.0 (2,000 SAPU/g)	7.25 mg
Protease 6.0 (500,000 HUT/g)	6 mg
Invertase (200,000 SU/g)	4 mg
Bromelain (45,000 FCCPU/mg)	1.33 mg
Papain (50,000 FCCPU/mg)	0.89 mg
Hemicellulase (500,000 HCU/g)	0.4 mg

Other ingredients: hypromellose (capsule), microcrystalline cellulose, MCT powder.

Warning: If pregnant or nursing, consult your healthcare practitioner before taking this product.

Suggested Use: As a dietary supplement, take 1 capsule up to 3 times daily before a meal, or as directed by your healthcare practitioner.

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*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.