

Gluten-Gest



(Hypoallergenic)

Item #76360
60 Vegetarian Capsules

The Possible Benefits of Gluten-Gest, a Dietary Supplement

- Helps digest proteolytic-resistant antigenic gliadin peptide fragments
- May be helpful for those with gluten or wheat sensitivity*
- Can be used as 'second-line-defense' for those avoiding ingestion of gluten*

Description

Gluten-Gest contains glutenase powder, which provides specific enzymes that target the more difficult-to-digest peptides found in wheat and other gluten-containing grains. Gluten-Gest may be used by those with frank celiac disease as a 'second line defense' as they continue to avoid ingestion of gluten.* Gluten-Gest may also be beneficial for those with a lesser degree of gluten and wheat sensitivity.*

Wheat gluten contains the protein gliadin, which is a prolamin. Other prolamins are hordein from barley and secalin from rye. Prolamins are a type of plant storage protein that contain high amounts of glutamine and proline, and which are difficult to dissolve. These proteins are resistant to proteolytic activity: gastric and pancreatic endoproteases and peptidases are unable to cleave these proline- and glutamine-rich proteins, and enzymes in the brush border membrane cannot digest such large peptides.

In genetically susceptible individuals, these proteolytic-resistant, proline- and glutamine-rich antigenic gliadin peptide fragments can persist in the intestinal lumen and elicit an immune response. Researchers studying gluten proteins have been able to identify specific sites on the

proteins that are the targets of the body's T-cell immune response during a reaction. The immune system of those with gluten sensitivity may respond to the partially digested gliadin as a foreign substance.

Gluten-Gest contains Glutenase, specific dipeptidyl (DPP-IV) peptidases that can break down gluten proline-containing peptides. Gluten-digesting protease has been demonstrated to accelerate the breakdown of ingested gluten-rich food. Glutenase can digest gluten proteins into smaller peptides, which are more easily digested and less prone to cause irritation in the gut.* This can potentially benefit those who are sensitive to gluten.* However, it should not be used by those with celiac disease as an excuse to go off their gluten-free diets. For those with wheat or gluten sensitivity, glutenases that break down proline and glutamine peptides can provide some degree of support for digestive system integrity.*

Those who are gluten intolerant may also be glycoprotein intolerant, so Gluten-Gest includes amylase and other enzymes to help breakdown glycoproteins. In addition, specific bifidobacteria and lactobacilli are included to assist in digestion of lactose. The probiotic bacteria in Gluten-Gest are

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protected with the proprietary MAK Trek Bypass Delivery system. After being freeze-dried, these friendly bacteria are coated with a marine-plant-based polysaccharide complex. As liquid enters the capsule as it begins the digestive process,

the polysaccharide coating forms an insoluble complex which protects the probiotics from the harsh acidic environment of the stomach, while allowing them to release in the alkaline environment of the small intestine and to colonize.

Serving Size: 2 capsules
Servings Per Container: 30

Amount Per Serving:

Glutenase Powder providing:	400 mg
Strong Acid Protease	70,000 H.U.T
Amylase	15,000 D.U.
Glucoamylase	16 A.G.U.
Peptidase Activity (DPP IV-LH, DPP IV-LL, DPP IV-FP)	50,000 H.U.T.
	1.400 C.F.A.U.
	8 C.T.G.U.
	14 L.A.P.U.
Probiotic Blend (<i>B. brevis</i> , <i>L. casei</i> , <i>L. lactis</i> , <i>L. rhamnosus</i> , <i>B. lactis</i> , <i>L. helveticus</i>)	400 million

Other ingredients: Hydroxypropyl methylcellulose, cellulose, magnesium stearate, maltodextrin.

Suggested Use: As a dietary supplement, adults take 2 capsules daily with food, or as directed by a health care professional.

References

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