

# GluteZym®



## With the endopeptidase Tolerase® G - a gluten-degrading enzyme

Gluten is a protein which is naturally found in a number of cereals such as wheat, triticale, barley, rye and oats. It is composed of two sub-proteins, glutenin and gliadin, and is used to impart viscosity and ductility to the dough during processing. It also stabilizes the shape of the final product.

Gluten proteins are difficult to digest as they contain many proline residues that are poorly digested by our body's own enzymes. The enzyme *Aspergillus Niger* Prolyl Endopeptidase (Tolerase® G), which is derived from a special strain of the food fungus *Aspergillus Niger*, specifically targets proline residues and can efficiently break down gluten into small fragments. Conventional DPP-IV enzymes only separate the terminal peptide bonds of the gluten proteins. Thus, the AN-PEP enzyme is much more efficient as it cleaves all the gluten protein into small fragments that are easier to digest. The enzyme is active under low-pH stomach conditions (3.5-5.5) and is resistant to digestion by pepsin. This makes it ideal for use in digestive enzyme preparations.

In addition to Tolerase® G, Biogena contains GluteZym® Calcium, which contributes to the normal function of digestive enzymes and vitamin B2, which supports the mucous membranes.

### Physiological functions of the contained substance:

- Calcium contributes to the normal function of digestive enzymes
- Vitamin B2 contributes to the maintenance of normal mucous membranes

### Possible uses:

- To support digestion

### Bioavailable micronutrients in a pure form

- According to the pure substance principle
- No colouring agents, artificial flavourings or covers
- Gluten-free
- Lactose-free
- Fructose-free
- Hypoallergenic
- Plant-based capsule shell
- 100 % vegan
- Quality tested

**Biogena GmbH & Co KG**  
Strubergasse 24, A-5020 Salzburg, [biogena.com](mailto:info@biogena.com)

Part of the  
Biogena Group 

**Toll-free Infoline Austria:** T +43 662 23 11 11, [info@biogena.com](mailto:info@biogena.com)  
**Infoline Germany, Italy and International:** T +49 8654 774 00-0, [deutschland@biogena.com](mailto:deutschland@biogena.com),  
[italien@biogena.com](mailto:italien@biogena.com), [worldwide@biogena.com](mailto:worldwide@biogena.com)  
**Infoline Switzerland:** T +41 43 215 20 59, [schweiz@biogena.com](mailto:schweiz@biogena.com)

Online orders: [biogena.com](http://biogena.com)



**BIOGENA**  
WELCOME TO YOURSELF

INGREDIENTS per daily dose	3 capsules	% NRV*
AN-PEP	345 mg	-
Riboflavin (vitamin B2)	4.2 mg	300
Calcium	120 mg	15

\* % OF NUTRIENT REFERENCE VALUES IN ACCORDANCE WITH EU REGULATION 1169/2011.

## INGREDIENTS

Aspergillus niger prolyl endopeptidase (AN-PEP), calcium carbonate, hydroxypropyl methyl cellulose (capsule shell), bulking agent: powdered cellulose, riboflavin.

## RECOMMENDED DOSAGE

3 capsules taken as required with a meal and plenty of liquid to accompany a low-gluten diet. Not a substitute for a gluten-free diet.

## NOTE

Food supplement in accordance with EU Directive 2002/46/EC

## ADDITIONAL NOTE

Tolerase® G is a trademark of DSM. Tolerase® G is not intended to replace a gluten-free diet. Tolerase® G is not intended to treat or prevent celiac disease.

## Enzyme activity:

AN-PEP: 200.000 PPI (= Protease Picomol International)


## PACKAGE SIZE AND CONTENT

120 capsules (40 day supply), 45 g

Food supplement: The recommended daily dosage should not be exceeded. Not a substitute for a balanced and varied diet and a healthy lifestyle. Store in a dark, dry place at room temperature. Protect from heat. Keep out of reach of children. Suitable for diabetics. The information provided here is not a statement on healing or a recommendation to self-medicate. Vcaps® Plus is a trademark of Lonza or its affiliates, registered in the USA. Subject to print or typographical errors. Version: 18.01.2023



**Biogena GmbH & Co KG**  
Strubergasse 24, A-5020 Salzburg, biogena.com

Part of the  
Biogena Group 

**Toll-free Infoline Austria:** T +43 662 23 11 11, info@biogena.com  
**Infoline Germany, Italy and International:** T +49 8654 774 00-0, deutschland@biogena.com,  
italien@biogena.com, worldwide@biogena.com  
**Infoline Switzerland:** T +41 43 215 20 59, schweiz@biogena.com

Online orders: [biogena.com](http://biogena.com)



**BIOGENA**  
WELCOME TO YOURSELF