



Digest-ProGD® HP

Digestive Enzymes

- Includes fungal and bacterial proteases to support normal hydrolysis of difficult-to-digest proline-containing peptides, such as gluten and casein*
- Supports comprehensive carbohydrate digestion with plant-based papain, bromelain, and fungal digestive enzymes*
- Nearly 300 mg enzyme blend delivered in each vegetarian capsule allows for easy dosing*
- Completely suitable for vegetarians

Code: 9503

Size: 60 Vegetarian Capsules

Actual Size: 19.4 mm x 5.9 mm



PRODUCT SUMMARY

Digest-ProGD HP is a proprietary enzyme blend for comprehensive carbohydrate digestive support.* It includes fungal proteases derived from *Aspergillus oryzae*, bacterial protease derived from *Bacillus subtilis*, and comprehensive carbohydrate digestive support from papain, bromelain, and fungal digestive enzymes.* *Aspergillus oryzae* extracts are sources of prolyl endopeptidases and dipeptidyl peptidase IV (DPP-IV) – a multifunctional serine protease suitable for proline-containing peptides, such as those found in gliadin and casein, both typically proteolytically resistant proteins.*¹⁻⁴

Protease activity from *Aspergillus oryzae* supports normal protease activity at the proline-rich 33-mer of gliadin.*⁵ The proline-rich proteins found in gluten are thought to facilitate a cellular debris-generating response in individuals with gluten sensitivity or for whom gluten is problematic, often because of accidental gluten exposure, even for those on a gluten-free diet.*⁶ According to animal studies, supplementation with protease from *Aspergillus oryzae* may support a bifidogenic effect, maintaining normal bifidobacteria in the intestines as well as supporting healthy gut-protective amino acids.*^{7,8}

In addition to fungal and bacterial proteases, Digest-ProGD HP includes alpha-amylase, cellulose, and hemicellulose for comprehensive carbohydrate digestion support.*



Supplement Facts

Serving Size 1 Vegetarian Capsule

	Amount Per Serving	% Daily Value
Enzyme Blend	267 mg	**
Acid Fungal Protease* ¹	124.47 mg (690 FCC SAPU)	**
Bacterial Protease* ²	75 mg (75000 FCC PC)	**
Fungal Protease* ¹	24.36 mg (6700 FCC HUT)	**
Alpha-Amylase* ¹	18.67 mg (2800 FCC DU)	**
Bromelain* ³	9.55 mg (315000 FCC PU)	**
Papain* ⁴	7.5 mg (315000 FCC PU)	**
Cellulase* ⁵	3.78 mg (680 FCC CU)	**
Hemicellulase* ⁶	2.34 mg (1875 FCC HCU)	**

(*¹ *Aspergillus flavus* var. *oryzae*) (whole), (*² *Bacillus subtilis*) (whole), (*³ *Ananas comosus*) (pineapple stem), (*⁴ *Carica papaya*) (fruit), (*⁵ *Trichoderma longibrachiatum*) (whole), (*⁶ *Aspergillus niger*) (whole)

** Daily Value not established.

Other ingredients: Vegetarian capsule (hypromellose, water), microcrystalline cellulose, magnesium stearate (vegetable grade).

Contains milk, soy.

Serving Size: 1 Vegetarian Capsule

Servings Per Container: 60

Suggested Usage: 1 capsule 3 times per day with meals or as directed by a health care professional. Consult a health care professional for prolonged use.

Caution: Consult your health care professional prior to use if you are pregnant, trying to become pregnant, breastfeeding, taking medication, have a medical condition, or anticipate surgery. Keep out of reach of children.

Contains no artificial colors, preservatives, or sweeteners; no sugar, wheat, gluten, yeast, egg, fish, shellfish, salt, tree nuts, or GMOs. Suitable for vegetarians. Sealed for your protection. Do not use if seal is broken. For freshness, store in a cool, dry place.

References

- Mulvihill, E.E., & Drucker, D.J. (2014). *Endocr Rev*, 35(6), 992-1019.
- Nongonierna, A.B., & FitzGerald, R.J. (2014). *Food Chem*, 145, 845-52.
- Lambeir, A.M., Durinx, C., Scharpé, S., et al. (2003). *Crit Rev Clin Lab Sci*, 40(3), 209-94.
- Pourmohammadi, K., & Abedi, E. (2021). *Food Sci Nutr*, 9(7), 3988-4006.
- Eugster, P.J., Salamin, K., Grouzmann, E., et al. (2015). *Microbiol*, 161(12), 2277-88.
- Cerf-Bensussan, N., Matysiak-Budnik, T., Cellier, C., et al. (2007). *Gut*, 56(2), 157-60.
- Yang, Y., Iwamoto, A., Kumrungsee, T., et al. (2017). *Nutr Res*, 44, 60-6.
- Yang, Y., Kumrungsee, T., Kuroda, M., et al. (2019). *Biosci Biotechnol Biochem*, 83(10), 1901-11.



· GUARANTEED ·

Bioclinic Naturals® products are guaranteed to meet or exceed Good Manufacturing Practices (GMP) of the U.S. Food and Drug Administration (FDA), Health Canada, and the Therapeutic Goods Administration (TGA) of Australia.



PRODUCT OF CANADA
Manufactured for and distributed
by Bioclinic Naturals® U.S.
14224 167th Ave. SE,
Monroe WA, USA 98272
bioclinicnaturals.com

FOR PROFESSIONAL USE ONLY. *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.

© All Rights Reserved Bioclinic Naturals® 2022. August 2, 2022. 20220524

Head office Assured Natural Distribution Inc., 104 – 3686 Bonneville Place, Burnaby, BC, Canada V3N 4T6 | U.S. Distribution office 14224 167th Avenue SE, Monroe, WA, USA 98272
Customer service 1-877-433-9860 · Fax 1-877-433-9862 · Email customersupport@bioclinicnaturals.com