

Chimax-O

Cat. No.:	HY-E70316
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Chimax-O

BIOLOGICAL ACTIVITY

Description

Chimax-O (Endo-chitosanase) is an endochitosanase belonging to the GH46 family that catalyzes chitosan substrate to produce chitobiose and D-glucosamine (GlcN). Chimax-O acts in a stochastic intra-action manner, producing chitosan derivatives with different degrees of polymerization (DP) ≤ 2 ^[1].

REFERENCES

[1]. Su H, et al. Structure-based mining of a chitosanase with distinctive degradation mode and product specificity. Appl Microbiol Biotechnol. 2023 Nov;107(22):6859-6871.

Caution: Product has not been fully validated for medical applications. For research use only.

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