

Chitosanase

Cat. No.:	HY-P2859
CAS No.:	51570-20-8
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Chitosanase

BIOLOGICAL ACTIVITY

Description

Chitosanase is a glycosyl hydrolase that catalyzes the endo hydrolysis of β -1,4-glycosidic bonds of partially acetylated chitosan to release chitosan oligosaccharides (COS). Chitosanases can convert high molecular weight chitosan into functional chitooligosaccharides with low molecular weight^{[1][2]}.

REFERENCES

- [1]. Xie J, et al. Advances in the structure and function of chitosanase. Sheng Wu Gong Cheng Xue Bao. 2023 Mar 25;39(3):912-929.
- [2]. Thadathil N, et al. Recent developments in chitosanase research and its biotechnological applications: a review. Food Chem. 2014 May 1;150:392-9.

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

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