



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Chitinase

Cat. No.:	HY-P2797A
CAS No.:	9001-06-3
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

# Chitinase

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : ≥ 200 mg/mL  
\* "≥" means soluble, but saturation unknown.

### BIOLOGICAL ACTIVITY

#### Description

Chitinase is a chitinase mainly found in Bacillus species and uses colloidal chitin as a substrate. The Km and Vmax of Chitinase are 4.28 mg/mL and 14.29 μg/(Min·mL) respectively. The final enzymatic hydrolysis product is N-acetylglucosamine, and the monomer and dimer contents are 14.33% and 85.67% respectively<sup>[1]</sup>.

### REFERENCES

[1]. Du J, et al. Purification and characterization of chitinase from Paenibacillus sp. . Biotechnol Appl Biochem. 2021 Feb;68(1):30-40

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

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