



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Recombinant endoglycoceramidase II

<b>Cat. No.:</b>	HY-E70281	
<b>Target:</b>	Biochemical Assay Reagents	
<b>Pathway:</b>	Others	
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.	Recombinant endoglycoceramidase II

### BIOLOGICAL ACTIVITY

#### Description

Recombinant endoglycoceramidase II (rEGCase II) is an endo- $\beta$ -glucosidase releasing the complete glycan from ceramide in glycosphingolipids. Recombinant endoglycoceramidase II catalyzes the hydrolysis of the  $\beta$ -glycosidic linkage between oligosaccharides and ceramides in various glycosphingolipids<sup>[1][2]</sup>.

### REFERENCES

[1]. H Izu, et al. Molecular cloning, expression, and sequence analysis of the endoglycoceramidase II gene from *Rhodococcus* species strain M-777. *J Biol Chem.* 1997 Aug 8;272(32):19846-50.

[2]. Fredj Ben Bdira, et al. Hydrophobic Interactions Contribute to Conformational Stabilization of Endoglycoceramidase II by Mechanism-Based Probes. *Biochemistry.* 2016 Aug 30;55(34):4823-35.

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

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