

## Endoglycoceramidase II (EGCase II)

Cat. No.:	HY-E70038
CAS No.:	2763216-34-6
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### Endoglycoceramidase II

#### BIOLOGICAL ACTIVITY

##### Description

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

#### REFERENCES

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

[2]. Horibata Y, et al. Transglycosylation and reverse hydrolysis reactions of endoglycoceramidase from the jellyfish, *Cyanea nozakii*. *J Biochem*. 2001 Aug;130(2):263-8.

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

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