

## Recombinant Glycosylceramidase protein, His-tagged

Cat. No. EXWM-3926

Lot. No. (See product label)

### Introduction

**Description** Broad specificity [cf. EC 3.2.1.45 (glucosylceramidase) and EC 3.2.1.46 (galactosylceramidase)]. Also hydrolyses phlorizin to phloretin and glucose. The intestinal enzyme is a complex that also catalyses the reaction of EC 3.2.1.108 lactase.

### Product Information

<b>Source</b>	E.coli
<b>Form</b>	Liquid
<b>EC Number</b>	EC 3.2.1.62
<b>CAS No.</b>	9033-10-7
<b>Molecular Weight</b>	61 kDa
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Concentration</b>	0.13 mg/mL
<b>Buffer</b>	50mM Tris, pH8.0, 300mM NaCl,10% Glycerol
<b>Reaction</b>	a glycosyl-N-acylsphingosine + H <sub>2</sub> O = a ceramide + a sugar
<b>Notes</b>	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

### Storage and Shipping Information

<b>Storage</b>	Store it under sterile conditions at -20 to -80 °C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
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