

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

Source E.coli

Form Liquid

EC Number EC 3.2.1.62

CAS No. 9033-10-7

Molecular Weight 61 kDa

Purity Greater than 90% as determined by SDS-PAGE.

Concentration 0.13 mg/mL

Buffer 50mM Tris, pH8.0, 300mM NaCl, 10% Glycerol

Reaction a glycosyl-N-acylsphingosine + H₂O = a ceramide + a sugar

Notes 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

Storage 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.