

Product datasheet

Recombinant Human B3GNT3 protein ab160950

1 Image

Overview

Product name	Recombinant Human B3GNT3 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MKYLRRHRPNATLILAIGAFLLLSLLVSPPTCKVQEQ PPAIPEALAWP TPPTRPAPAPCHANTSMVTHPDFATQPQHVNFLLYR HCRHFPLLQDVPP SKCAQPVFLLLVIKSSPSNYVRRELLRRTWGREKVR GLQLRLLFLVGTA SNPHEARKVNRLLELEAQTHGDILQWDFHDSFFNLTL KQVLFQWQETRC ANASFVLNGDDVFAHTDNMVFYLDHDPGRHLFVG QLIQNVGPIRAFWS KYVPEVVTQNERYPYCGGGFLLSRFTAAALRRAA HVLDFPIDDVFL GMCLELEGLKPASHSGIRTSGVRAPSQHLSSFDPFCFY RDLLLVHRFLPYE MLLMRDALNQPNLTCGNQTQIY</p>
Amino acids	1 to 372
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab160950** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot

Form	Liquid
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Additional notes

Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

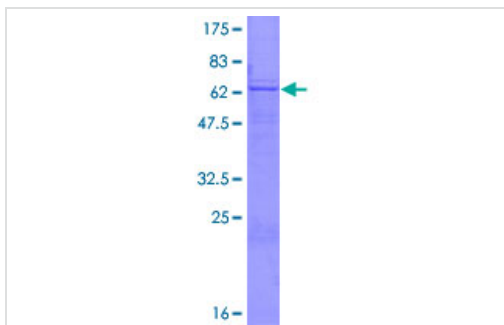
Relevance

B3GNT3 belongs to the glycosyltransferase 31 family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis a. B3GNT3 plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. It is expressed in colon, jejunum, stomach, esophagus, placenta and trachea.

Cellular localization

Golgi apparatus membrane; Single pass type II membrane protein.

Images



SDS-PAGE - Recombinant Human B3GNT3 protein
(ab160950)

ab160950 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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