

Recombinant Full Length Human B3GNT3 Protein, GST-tagged

Cat. No. B3GNT3-1633HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B3GNT3 full-length ORF (AAH67423.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	372 amino acids
Description	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase 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 x. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. [provided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	68.9 kDa
AA Sequence	MKYLRHRRPN ATLILAIGAF TLLFSLLS PPTCKVQEQP PAIPEALAWP TPPTRPAPAP CHANTSMVTH PDFATQPQHV QNFLLYRHCR HFPLLQDVPP SKCAQPVFLL LVIKSSPSNY VRRELLRRTW GRERKVRGLQ LRLFLVGTA SNPHEARKVN RLLELEAQTH GDILQWDFHD SFFNLTLKQV LFLQWQETRC

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ANASFVLNGD DDVFAHTDNM VFYQLQDHDPG RHLFVGQLIQ NVGPIRAFWS
 KYYVPEVVTQ NERYPPYCGG GGFLLSRFTA AALRRAAHVL DIFPIDDVFL
 GMCLELEGLK PASHSGIRTS GVRAPSQHLS SFDPCFYRDL LLVHRFLPYE
 MLLMRDALNQ PNLTCGNQTQ IY

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name B3GNT3 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3 [Homo sapiens]

Official Symbol B3GNT3

Synonyms

B3GNT3; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3; TMEM3; B3GN T3; B3GNT 3; beta 1; 3 N acetylglucosaminyltransferase bGnT 3; beta3Gn T3; HP10328; putative type II membrane protein; transmembrane protein 3; beta3GalT8; beta-3-Gx-T8; beta-1,3-Gn-T3; beta-1,3-GalTase 8; core1-beta3GlcNAcT; beta-1,3-N-acetylglucosaminyltransferase bGnT-3; UDP-Gal:beta-GlcNAc beta-1,3-galactosyltransferase 8; core 1 extending beta-1,3-N-acetylglucosaminyltransferase; UDP-galactose:beta-N-acetylglucosamine beta-1,3-galactosyltransferase 8; B3GN-T3; B3GNT-3; B3GAL-T8; beta3Gn-T3

Gene ID 10331

mRNA Refseq NM_014256

Protein Refseq NP_055071

MIM 605863

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UniProt ID

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