Recombinant Human B3GNT3 protein, GST-tagged

Cat. No. B3GNT3-021H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B3GNT3 partial ORF (NP_055071, 135 a.a. - 208 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 n ot cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and i s involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesi s of the backbone structure of dimeric sialyl Lewis a. It plays dominant roles in L-selec tin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. [provided by R efSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	33.88 kDa
AA Sequence	KVRGLQLRLLFLVGTASNPHEARKVNRLLELEAQTHGDILQWDFHDSFFNLTLKQVL FLQWQETRCANASFVLN
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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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
UniProt ID	Q9Y2A9

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