

Recombinant Full Length Human B3GNT2 Protein, GST-tagged

Cat. No. B3GNT2-1718HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B3GNT2 full-length ORF (AAH30579, 1 a.a. - 397 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	397 amino acids
Description	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-ne otetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. [pro vided by RefSeq]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	69.41 kDa
AA Sequence	MSVGRRRIKLLGILMMANVFIYFIMEVSKSSSQEKNGKGEVIIPKEKFWKISTPPEAY WNREQEKLNRQYNPILSMLTNQTGEAGRLSNISHLNYCEPDLRVTSVVTGFNNLPD RFKDFLLYLRCRNYSLIDQPDKCAKKPFLLLAIKSLTPHFARRQAIRESWGQESNAG NQTVVRVFLLGQTPPEDNHPDLSDMLKFESEKHQDILMWNYRDTFFNLSLKEVLFLR WVSTSCPDTFVFVKGDDDFVFNTHHILNYLNSLSKTKAKDLFIGDVIHNAGPHRDKK LKYYIPEVVYSGLYPPYAGGGGFLYSGHLALRLYHITDQVHLYPIDDVYTGMCQLQKL GLVPEKHKGFRTFDIEEKNKNNICSYVDLMLVHSRKPQEMIDIWSQLQSAHLKC

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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.
GENE INFORMATION	
Gene Name	B3GNT2 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [Homo sapiens]
Official Symbol	B3GNT2
Synonyms	B3GNT2; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2; B3GNT1, UDP GlcNAc:betaGal beta 1,3 N acetylglucosaminyltransferase 1; B3GN T1; B3GN T2; B3GNT 2; BETA3GNT; beta3Gn-T1; beta3Gn-T2; beta-1,3-Gn-T1; beta-1,3-Gn-T2; beta-1,3-N-acetylglucosaminyltransferase bGnT-1; beta-1,3-N-acetylglucosaminyltransferase bGnT-2; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1; B3GNT; BGNT2; B3GNT1; BGnT-2; B3GN-T2; B3GNT-2
Gene ID	10678
mRNA Refseq	NM_006577
Protein Refseq	NP_006568
MIM	605581
UniProt ID	Q9NY97