

## Recombinant Human B3GNT2 protein, GST-tagged

Cat. No. B3GNT2-018H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human B3GNT2 full-length ORF ( AAH30579, 1 a.a. - 397 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. [provided by RefSeq]
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	69.41 kDa
<b>AA Sequence</b>	MSVGRRRRIKLLGILMMANVFIYFIMEVSKSSSQEKNGKGEVIIPKEKFWKISTPPEAY WNREQEKLNRQYNPILSMLTNQTGEAGRLSNISHLNYCEPDLRVTSVVTGFNNLPD RFKDFLLYLRCRNYSLIDQDPDKCAKKPFLLLAIKSLTPHFARRQAIRESWGQESNAG NQTVVRVFLGQTPPEDNHPDLSMMLKFESEKHQDILMWNRYRDTFFNLSLKEVFLR WVSTSCPDTFVFKGDDDFVNTHHILNYLNSLSKTKAKDLFIGDVIHNAGPHRDKK LKYYIPEVVYSGLYPPYAGGGGFLYSGHLALRLYHITDQVHLYPIDDVYTGMCCLQKL GLVPEKHKGFRFTDIEEKNKNNICSYVDLMLVHSRKPQEMIDIWSQLQSAHLKC
<b>Notes</b>	Best use within three months from the date of receipt of this protein.

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**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

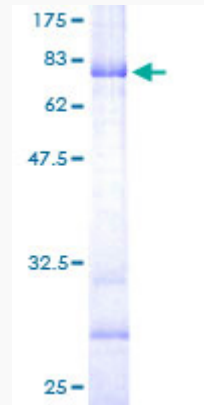
**MIM** 605581

**UniProt ID** Q9NY97

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