

Recombinant Human B3GNT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. B3GNT2-3029H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	B3GNT2 MS Standard C13 and N15-labeled recombinant protein (NP_006568) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. Two transcript variants encoding the same protein have been found for this gene.
Molecular Mass	46 kDa
AA Sequence	MSVGRRRRIKLLGILMMANVFIYFIMEVSKSSSQEKNGKGEVIIPKEKFWKISTPPEAY WNREQEKLNRQYNPILSMLTNQTGEAGRLSNISHLNYCEPDLRVTSVVTGFNNLPD RFKDFLLYLRCRNYSLIDQPDKCAKKPFLLLAIKSLTPHFARRQAIRESWGQESNAG NQTVVRVFLGQTTPEDNHPDLSMDLKFSESEKHQDILMWNRYRDTFFNLSLKEVFLR WVSTSCPDTFVFVKGDDDFVNTHHILNYLNSLSKTKAKDLFIGDVIHNAGPHRDKK LKYIPEVVYSGLYPPYAGGGGFLYSGHLALRLYHITDQVHLYPIDDVYTGMCLQKL GLVPEKHKGFRTFDIEEKNKNNICSYVDLMLVHSRKPQEMIDIWSQLQSAHLKCTRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	B3GNT2 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [Homo sapiens (human)]
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

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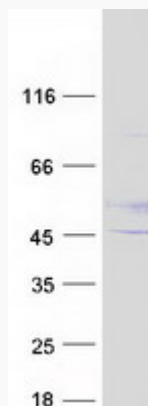
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UniProt ID

Q9NY97

SDS-PAGE

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