

Recombinant Human B3GNT2 protein, hFc-tagged

Cat. No. B3GNT2-8546H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GNT2 protein(Q9NY97-1) (Lys29-Cys397) was expressed in HEK293, with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	29-397 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human B3GNT2/Fc is a disulfide-linked homodimer. The reduced monomer comprises 629 amino acids and has a predicted molecular mass of 71.2 kDa. The apparent molecular mass of the protein is approximately 112-120 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

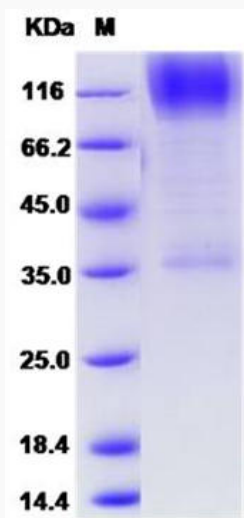
UniProt ID Q9NY97

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SDS-PAGE



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