

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), fused with hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	29-397 a.a.
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
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.
Proteinlength	Lys29-Cys397
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

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Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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 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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