

Recombinant Human B3GAT2 Protein, His-tagged

Cat. No. B3GAT2-288H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GAT2 Protein (Thr81-Val323) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Thr81-Val323
Description	The product of this gene is a transmembrane protein belonging to the glucuronyltransferase family, and catalyzes the transfer of a beta-1,3 linked glucuronic acid to a terminal galactose in different glycoproteins or glycolipids containing a Gal-beta-1-4GlcNAc or Gal-beta-1-3GlcNAc residue. The encoded protein is involved in the synthesis of the human natural killer-1 (HNK-1) carbohydrate epitope, a sulfated trisaccharide implicated in cellular migration and adhesion in the nervous system.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.6 kDa Accurate Molecular Mass: 31.6 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

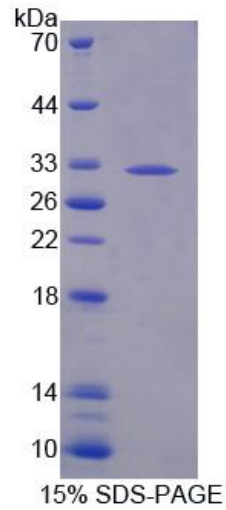
GENE INFORMATION

Gene Name	B3GAT2 beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase S) [Homo sapiens (human)]
Official Symbol	B3GAT2
Synonyms	B3GAT2; beta-1,3-glucuronyltransferase 2 (glucuronosyltransferase S); GlcAT S; GlcAT-S
Gene ID	135152
mRNA Refseq	NM_080742
Protein Refseq	NP_542780
MIM	607497
UniProt ID	Q9NPZ5

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