

## Recombinant Human B3GAT2 protein, His & T7-tagged

Cat. No. B3GAT2-1713H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human B3GAT2 aa. (Thr81~Val323 (Accession # Q9NPZ5)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Thr81~Val323
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 31.6kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>90%

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<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.
<b>Stability</b>	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°C 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
<b>Reconstitution</b>	Reconstitute in sterile ddH <sub>2</sub> O.
<b>Isoelectric Point</b>	10.1
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	B3GAT2 beta-1,3-glucuronyltransferase 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	B3GAT2
<b>Synonyms</b>	B3GAT2; beta-1,3-glucuronyltransferase 2; GLCATS; galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 2; UDP-glucuronosyltransferase S; UDP-glucuronyltransferase S; glcAT-D; glucuronosyltransferase S; uridine diphosphate glucuronic acid:acceptor glucuronosyltransferase
<b>Gene ID</b>	135152

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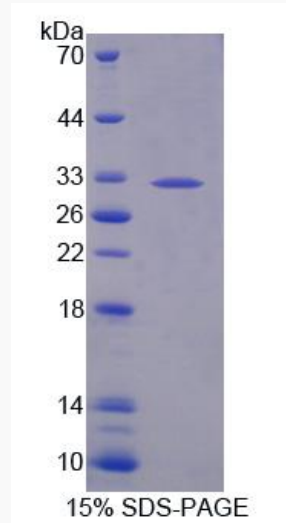
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mRNA Refseq [NM\\_080742.2](#)

Protein Refseq [NP\\_542780.1](#)

UniProt ID [Q9NPZ5](#)

SDS-PAGE



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