

## Recombinant Human B3GAT1 protein, GST-tagged

Cat. No. B3GAT1-014H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human B3GAT1 partial ORF ( NP_061114, 235 a.a. - 332 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene is a member of the glucuronyltransferase gene family. These enzymes exhibit strict acceptor specificity, recognizing nonreducing terminal sugars and their anomeric linkages. This gene product functions as the key enzyme in a glucuronyl transfer reaction during the biosynthesis of the carbohydrate epitope HNK-1 (human natural killer-1, also known as CD57 and LEU7). Alternate transcriptional splice variants have been characterized. [provided by RefSeq]
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	36.52 kDa
<b>AA Sequence</b>	AGKVVRWKTVFDPHRPF AIDMAGFAVNLR LILQRSQAYFKLRGVKGGYQESSLLRE LVT LNDLEPKAANCTKILVWHTRTEK PVLVNEGKKGFTDPSV
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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## GENE INFORMATION

**Gene Name** B3GAT1 beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P) [ Homo sapiens ]

**Official Symbol** B3GAT1

**Synonyms** B3GAT1; beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P); CD57, CD57 antigen , LEU7; galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1; GlcAT P; HNK 1; NK 1; glcUAT-P; LEU7 antigen; glucuronosyltransferase P; UDP-GlcUA:glycoprotein beta-1,3-glucuronyltransferase; NK1; CD57; HNK1; LEU7; NK-1; GLCATP; GLCUATP;

**Gene ID** 27087

**mRNA Refseq** NM\_018644

**Protein Refseq** NP\_061114

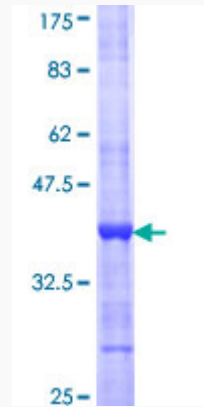
**MIM** 151290

**UniProt ID** Q9P2W7

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