

Recombinant Human B3GAT1 protein, GST-tagged

Cat. No. B3GAT1-015H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B3GAT1 partial ORF (ABM86204.1, 28 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	59.4 kDa
AA Sequence	TLAPLLAVHKDEGSDPRRETTPPGADPREYCTSDRDIVEVVRTEYVYTRPPPWSDTL PTIHVVTPTYSRPVQKAELTRMANTLLHVPNLHWLVVEDAPRRTPLTARLLRDTGLN YTHLHVETPRNYKLRGDARDPRIPRGTMQRNLALRWLRETFPRNSSQPGVVYFAD DDNTYSLELFEEMRSTRRVSVWPVAFVGGRLRYEAPRVNGAGKVVGWKTVPDHRP FAIDMAGFAVNLRLILQRSQAYFKLRGVKGGYQESSLLRELVTLNDLEPKAANCTKIL VWHTRTEKPVLVNEGKKGFTDPSVEI

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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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