

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

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TLAPLLAVHKDEGSDPRRETPPGADPREYCTSDRDIVEVVRTEYVYTRPPPWSDTL
PTIHVVPTYSRPVQKAE LTRMANTLLHVPNLHWLVVEDAPRRTPLTARLLRDTGLN
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

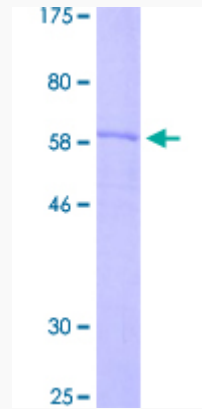
MIM 151290

UniProt ID Q9P2W7

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