

Recombinant Human MGAT5B Protein, GST-tagged

Cat. No. MGAT5B-4362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGAT5B full-length ORF (AAH62354.1, 1 a.a. - 394 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The MGAT5B gene encodes a beta-1,6-N-acetylglucosaminyltransferase (EC 2.4.1.1 55) that functions in the synthesis of complex cell surface N-glycans (Kaneko et al., 2 003 [PubMed 14623122]).[supplied by OMIM, Nov 2008]
Molecular Mass	70.5 kDa
AA Sequence	MITVNPDGKIMVRRCLVTLRPFRFLVVGIGFFTLCLMTSLGGQFSARRLGDSPFTIR TEVMGGPESRGVLRKMSDLLMLVKRMDALARLENSSELHRAGGDLHFPADRMPP GAGLMERIQAIAQNVSDIAVKVDQILRHSLLLHSKVSEGRRDQCEAPSDPKFPDCSG KVEWMRARWTSDFCYAFFGVDGTECSFLIYLSEVEWFPPPLPWRNQTAQRAPKP LPKVQAVFRSNLSHLLDLMGSGKESLIFMKKRTKRLTAQWALAAQRLAQKLGATQR DQKQILVHIGFLTEESGDVFSRVLKGGPLGEMVQWADILTALYVLGHGLRVTVSLK ELQRQRRLRSSQEQAQRCGVMGACEKMLLEGDVASNTLLIEKPSKKETEKCPKNLVT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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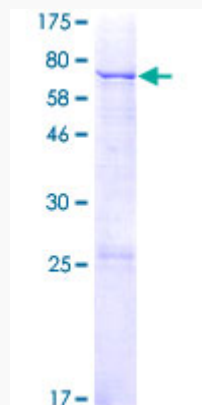
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MGAT5B mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, isozyme B [Homo sapiens (human)]
Official Symbol	MGAT5B
Synonyms	MGAT5B; mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, isozyme B; GnT-IX; GnT-VB; alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase B; N-acetylglucosaminyl-transferase Vb; N-acetylglucosaminyltransferase IX; alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase B; beta(1,6)-N-acetylglucosaminyltransferase V; glcNAc-T Vb; hGnTVb; mannoside acetylglucosaminyltransferase 5B; mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, isoenzyme B; EC 2.4.1.155
Gene ID	146664
mRNA Refseq	NM_001199172
Protein Refseq	NP_001186101
MIM	612441
UniProt ID	Q3V5L5

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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