

Recombinant Full Length Human MGAT5B Protein, GST-tagged

Cat. No. MGAT5B-6254HF **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	In Vitro Cell Free System
ProteinLength	394 amino acids
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., 2003 [PubMed 14623122]).[supplied by OMIM, Nov 2008]
Molecular Mass	70.5 kDa
AA Sequence	MITVNPDGKIMVRRCLVTLRPFRLFVLGIGFFTLCLMTSLGGQFSARRLGDSPFTIR TEVMGGPESRGVLRKMSDLLELMVKRMDALARLENSSELHRAGGDLHFPADRMPP GAGLMERIQAIQNVSDIAVKVDQILRHSLLLHSHKVSSEGRRDQCEAPSDPKFPDCSG KVEWMRARWTS DPCYAFFGVDGTECSFLIYLSEVEWFPPWRNQTAQRAPKP LPKVQAVFRSNLSHLLDLMSGKESLIFMKKRTKRLTAQWALAAQRLAQKLGATQR DQKQILVHIGFLTEESGDVFSRVLKGGPLGEMVQWADILTALYVLGHGLRVTVSLK ELQRQRRRLRSSQEQARCGVMGACEKMLLEGDVASNTLLIEKPSKKETEKCPKNLVT
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

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-acetylglucosaminyltransferase, isoenzyme B; EC 2.4.1.155

Gene ID 146664

mRNA Refseq NM_001199172

Protein Refseq NP_001186101

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MIM	612441
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UniProt ID	Q3V5L5
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