

Recombinant Human MGAT5B, GST-tagged

Cat. No. MGAT5B-862H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MGAT5B protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-394aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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; GnT-IX; GnT-VB; mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, isozyme B; alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase B; hGnTVb; glcNAc-T Vb; N-

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acetylglucosaminyltransferase IX; N-acetylglucosaminyl-transferase Vb; mannoside acetylglucosaminyltransferase 5B; beta(1,6)-N-acetylglucosaminyltransferase V; alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase B; 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
Chromosome Location	17q25.2
Pathway	N-Glycan biosynthesis; N-glycan biosynthesis, complex type; Other types of O-glycan biosynthesis
Function	alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase activity; metal ion binding; protein binding