

## Recombinant Human MGAT5B, GST-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	MGAT5B?mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase, isozyme B [?Homo sapiens?(human) ]
<b>Official Symbol</b>	MGAT5B
<b>Synonyms</b>	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

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