

## Recombinant Human MGAT3, GST-tagged

**Cat. No.** MGAT3-858H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MGAT3 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>	184-533aa
<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>	MGAT3 mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase [ Homo sapiens ]
<b>Official Symbol</b>	MGAT3
<b>Synonyms</b>	MGAT3; mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase; beta-1,4-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase; GNT III; GlcNAc-T III; N-acetylglucosaminyltransferase III; N-glycosyl-oligosaccharide-

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	glycoprotein N-acetylglucosaminyltransferase III; GNT3; GNT-III; FLJ43371; MGC141943; MGC142278;
<b>Gene ID</b>	4248
<b>mRNA Refseq</b>	NM_001098270
<b>Protein Refseq</b>	NP_001091740
<b>MIM</b>	604621
<b>UniProt ID</b>	Q09327
<b>Chromosome Location</b>	22q13.1
<b>Pathway</b>	Asparagine N-linked glycosylation, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem; N-glycan antennae elongation in the medial/trans-Golgi, organism-specific biosystem; N-glycan biosynthesis, complex type, organism-specific biosystem;
<b>Function</b>	beta-1,4-mannosylglycoprotein 4-beta-N-acetylglucosaminyltransferase activity; transferase activity, transferring glycosyl groups;

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