Recombinant Human MGAT3, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MGAT3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	184-533aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	MGAT3 mannosyl (beta-1,4-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase [Homo sapiens]
Official Symbol	MGAT3
Synonyms	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;
Gene ID	4248
mRNA Refseq	NM_001098270
Protein Refseq	NP_001091740
MIM	604621
UniProt ID	Q09327
Chromosome Location	22q13.1
Pathway	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;
Function	beta-1,4-mannosylglycoprotein 4-beta-N-acetylglucosaminyltransferase activity; transferase activity, transferring glycosyl groups;

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