

## Recombinant Human MGAT4A protein, His-tagged

Cat. No. MGAT4A-2909H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MGAT4A protein(395-505 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	395-505 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> ,17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

### GENE INFORMATION

<b>Official Symbol</b>	<a href="#">MGAT4A</a>
<b>Synonyms</b>	MGAT4A; mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A; mannosyl (alpha 1,3 ) glycoprotein beta

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1,4 N acetylglucosaminyltransferase, isoenzyme A; alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase A; GnT 4a; GnT Iva; glcNAc-T IVa; N-acetylglucosaminyltransferase IVa; UDP-GlcNAc:a-1,3-D-mannoside b-1,4-acetylglucosaminyltransferase IV; alpha-1,3-mannosyl-glycoprotein beta-1,4-N-acetylglucosaminyltransferase; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IVa; UDP-N-acetylglucosamine:alpha1,3-d-mannoside beta1,4-N-acetylglucosaminyltransferase; mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isoenzyme A; UDP-N-acetylglucosamine: alpha-1,3-D-mannoside beta-1,4-N-acetylglucosaminyltransferase IVa; GNT-IV; GnT-4a; GNT-IVA;

**Gene ID** 11320

**mRNA Refseq** NM\_001160154

**Protein Refseq** NP\_001153626

**MIM** 604623

**UniProt ID** Q9UM21

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SDS-PAGE



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