

## Recombinant Human MGAT4A protein, His-tagged

Cat. No. MGAT4A-4391H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human MGAT4A protein(Q9UM21)(93-535aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	93-535aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	55.0 kDa
<b>AA Sequence</b>	LLKELTSKSLQVPSIYYHLPHELLKNEGSLQPAVQIGNGRTGVSIVMGIPTVKREVKS YLIETLHSLIDNLYPEEKLDVCVIVVFIGETDIDYVHGVVANLEKEFSKEISSGLVEVISPP ESYYPDLTNLKETFGDSKERVRWRWKQNLDYCFLMMYAQEKGIYYIQLEDDIIVKQN YFNTIKNFALQLSSEEWMI EFSQLGFIGKMFQAPDLTLIVEFIFMFYKEKPIDWLLDHI LWVKVCNPEKDAKHCDRQKANLRIRFRPSLFQHVGLHSSLSGKIQKLTDKDYMKPLL LKIHVNPPAEVSTSLKVYQGHTLEKTYMGEDFFWAITPIAGDYILFKFDKPVNVESYLF HSGNQEHPGDILLNTTVEVLPFKSEGLEISKETKDKRLEDGYFRIGKFENGVAEGMV DPSLNPISAFRLSVIQNSAVWAILNEIHIKKATN
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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**Storage** Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

## GENE INFORMATION

**Gene Name** MGAT4A mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A [ Homo sapiens ]

**Official Symbol** MGAT4A

**Synonyms** MGAT4A; mannosyl (alpha-1,3-)-glycoprotein beta-1,4-N-acetylglucosaminyltransferase, isozyme A; mannosyl (alpha 1,3 ) glycoprotein beta 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

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**Protein Refseq** NP\_001153626

**MIM** 604623

**UniProt ID** Q9UM21

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