

Recombinant Human MGAT4A protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human MGAT4A protein(Q9UM21)(93-535aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	93-535aa
Form	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.
Molecular Mass	55.0 kDa
AA Sequence	LLKELTSKKSLQVPSIYYHLPHELLKNEGSLQPAVQIGNGRGTGVSIVMGIPTVKREVKS YLIETLHSLIDNLYPEEKLDLCVIVVFIGETDIDYVHGVVANLEKEFSKEISSGLVEVISPP ESYYPDLTNLKETFGDSKERVWRWKQNLDYCFLMMYAQEKGIYYIQLEDDIIVKQN YFNTIKNFALQLSSEEWMILEFSQLGFIGKMFQAPDLTLIVEFIFMFYKEKPIDWLLDHI LWVKVCNPEKDAKHCDRQKANLRIRFRPSLFQHVGLHSSLSGKIQLTDKDYMKPLL LKIHVNPPEAEVSTSLKVYQGHTLEKTYMGEDFFWAITPIAGDYILFKFDKPVNVESYLF HSGNQEHHPGDILLNTTVEVLPFKSEGLEISKETKDKRLEDGYFRIGKFENGVAEGMV DPSLNPISAFRLSVIQNSAVWAILNEIHIKKATN
Purity	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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