

Recombinant Human MGAT1 Protein, His-tagged

Cat. No. MGAT1-1703H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MGAT1 protein (105-445aa) was expressed in E. coli with His tag.
Species	Human
Source	E.coli
ProteinLength	105-445 a.a.
Form	Lyophilized from sterile PBS, normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
AA Sequence	VIPILVIACDRSTVRRCLDKLLHYRPSAELFPIIVSQDCGHEETAQAIAASYGSVATHIRQ PDLSSIAVPPDHRKFQGYKIHRYRWALGQVFRQFRFPAAVVVEDDLEVAPDFFE YFRATYPLLKADPSLWCVSAWNDNGKEQMVDASRPELLYRTDFFPGLGWLLLAEL WAELEPKWPKAFWDDWMRRPEQRQGRACIRPEISRTMTFGRKGVSHGQFFDQHL KFIKLNQQFVHFTQLDLSYLQREAYDRDFLARVYGAPQLQVEKVRTNDRKELGEVR VQYTGRDSFKAKALGVMDDLKSGVPRAGYRGIVTFQFRGRRVHLAPPPTWEGY DPSWN
Purity	95%
Storage	Store for up to 12 months at -20 centigrade to -80 centigrade as lyophilized powder.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution

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with 200 µl 50% glycerol solution is recommended for longer term storage

GENE INFORMATION

Gene Name	MGAT1 mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase [Homo sapiens]
Official Symbol	MGAT1
Synonyms	MGAT1; mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase; GLYT1, MGAT; alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase; GLCNAC TI; GNT 1; glcNAc-T I; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase I; MGAT; GLCT1; GLYT1; GNT-1; GNT-I; GLCNAC-TI;
Gene ID	4245
mRNA Refseq	NM_001114617
Protein Refseq	NP_001108089
MIM	160995
UniProt ID	P26572

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