

Recombinant Mouse Mgat1, His-tagged

Cat. No. Mgat1-3294M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (Mgat1)
Species	Mouse
Source	E.Coli/Yeast
ProteinLength	447
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Mgat1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

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GENE INFORMATION

Gene Name	Mgat1 mannoside acetylglucosaminyltransferase 1 [Mus musculus]
Official Symbol	Mgat1
Synonyms	MGAT1; mannoside acetylglucosaminyltransferase 1; alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase; GNT-I; glcNAc-T I; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase I; Mgat-1;
Gene ID	17308
mRNA Refseq	NM_001110148
Protein Refseq	NP_001103618
Pathway	Metabolic pathways, organism-specific biosystem; N-Glycan biosynthesis, organism-specific biosystem; N-Glycan biosynthesis, conserved biosystem;
Function	acetylglucosaminyltransferase activity; acetylglucosaminyltransferase activity; alpha-1,3-mannosylglycoprotein 2-beta-N-acetylglucosaminyltransferase activity; metal ion binding; transferase activity; transferase activity, transferring glycosyl groups;

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