

Active Recombinant MGAT1 Protein, His-tagged

Cat. No. MGAT1-1704H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant MGAT1 Protein (Thr30-Asn445) was expressed in NS0 cells with C-terminal 6-His tag
Species	Human
Source	Mammalian Cells
ProteinLength	30-445 a.a.
Form	Liquid
Bio-activity	Measured by its ability to transfer N-Acetyl-D-Glucosamine from UDP-GlcNAc to alpha 1-3, alpha 1-6-Mannotriose. The specific activity is >30 pmol/min/μg.
Molecular Mass	48 kDa
Endotoxin	<1.0 EU per 1 μg of the protein by the LAL method.
Purity	>90%
Storage	6 Months from date of receipt, -20 to -70 centigrade as supplied. 3 months, -20 to -70 centigrade under sterile conditions after opening.
Storage Buffer	0.2 μm Filtered solution in Tris and NaCl.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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