

Recombinant Human MGAT5 Protein, GST-tagged

Cat. No. MGAT5-4363H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MGAT5 partial ORF (NP_002401, 642 a.a. - 739 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetyl-glucosaminyltransferase, a glycosyltransferase involved in the synthesis of protein-bound and lipid-bound oligosaccharides. Alterations of the oligosaccharides on cell surface glycoproteins cause significant changes in the adhesive or migratory behavior of a cell. Increase in the encoded proteins activity may correlate with the progression of invasive malignancies. [provided by RefSeq]
Molecular Mass	36.52 kDa
AA Sequence	LAEPGQSCKQVCQESQLICEPSFFQHLNKDKDMLKYKVTCSSELAKDILVPSFDPK NKHCVFQGDLLLFSAGAHPRHQRVCPCRDIFIKGQVALCKD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

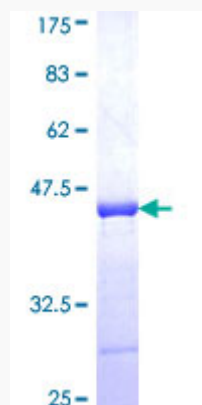
 Tel: 1-631-559-9269 1-516-512-3133

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

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

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MGAT5 mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase [Homo sapiens]
Official Symbol	MGAT5
Synonyms	MGAT5; mannosyl (alpha-1,6-)-glycoprotein beta-1,6-N-acetylglucosaminyltransferase; alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A; GNT V; glcNAc-T V; N-acetylglucosaminyltransferase V; mannoside acetylglucosaminyltransferase 5; alpha-mannoside beta-1,6-N-acetylglucosaminyltransferase; GNT-V; GNT-VA; FLJ31899; FLJ43217; DKFZp686B24166;
Gene ID	4249
mRNA Refseq	NM_002410
Protein Refseq	NP_002401
MIM	601774
UniProt ID	Q09328

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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