

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 NKHCVFQGDLLLFSAGAHPRHQVPCPCRDIFIKGQVALCKD
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.

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 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

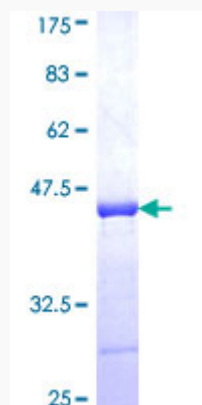
UniProt ID Q09328

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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