

## Recombinant Human MGAT2 lysate

Cat. No. MGAT2-407HCL Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Over-expression cells lysed in RIPA buffer and lysate supplied in SDS loading buffer
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Molecular Mass</b>	51550.37Da
<b>Recommended Usage</b>	WB
<b>Storage Instruction</b>	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### GENE INFORMATION

<b>Gene Name</b>	MGAT2 mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase [ Homo sapiens ]
<b>Official Symbol</b>	MGAT2
<b>Synonyms</b>	GNT2; CDG2A; CDGS2; GNT-II; GLCNACTII; alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase; glcNAc-T II; mannoside acetylglucosaminyltransferase 2; Beta-1,2-N-acetylglucosaminyltransferase II; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II; UDP-N-acetylglucosamine:alpha-6-D-mannoside beta-1,2-N-acetylglucosaminyltransferase II

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<b>Gene ID</b>	4247
<b>mRNA Refseq</b>	NM_002408
<b>Protein Refseq</b>	NP_002399
<b>MIM</b>	602616
<b>UniProt ID</b>	Q10469
<b>Chromosome Location</b>	14q21
<b>Pathway</b>	Asparagine N-linked glycosylation, organism-specific biosystem; Defective ALG1 causes ALG1-CDG (CDG-1k), organism-specific biosystem; Defective ALG12 causes ALG12-CDG (CDG-1g), organism-specific biosystem
<b>Function</b>	alpha-1,6-mannosylglycoprotein 2-beta-N-acetylglucosaminyltransferase activity; carbohydrate binding

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