

Recombinant Human MGAT2 Protein

Catalog #	Source	Reactivity	Applications
CRP1956	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human MGAT2 Protein is produced by our mammalian expression system and the target gene encoding Arg30-Gln447 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.		
Gene Symbol	MGAT2		
Alternative Names	Alpha-16-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase; Beta-12-N-acetylglucosaminyltransferase II; GlcNAc-T II; GNT-II; Mannoside acetylglucosaminyltransferase 2; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II		
Entrez Gene	4247 (Human)		
SwissProt	Q10469 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	RQRKNEALAP PLLDAEPARG AGGRGGDHPS VAVGIRRVSN VSAASLPAV PQPEADNLTLYRSLVYQLN FDQTLRNVDK AGTWAPRELV LVVQVHNRPE YLRLLDLSLR KAQGIDNVLVIFSHDFWSTE INQLIAGVNF CPVLQVFFPF SIQLYPNEFP GSDPRDCPRD LPKNAALKLGCINAEYPDSF GHYREAKFSQ TKHHWWWKLH FVWERVKILR DYAGLILFLE EDHYLAPDFYHVFKKMWKLK QQECPECDVL SLGTYSASRS FYGMADKVDV KTWKSTEHNMLGLALTRNAYQ KLIECTDTFC TYDDYNWDWT LQYLTVSCLP KFWKVLVPQI PRIFHAGDCGMHHKKTCRPS TQSAQIESLL NNNKQYMFPE TLTISEKFTV VAISPPRKNG GWGDIRDHELCKSYRRLQLD HHHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference			
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish			

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Product Data Sheet

Directions for Use Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability Store it at -20°C to -80°C for one year.

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