

Mannoside Acetylglucosaminyltransferase 2 Human Recombinant

Item Number	rAP-2031
Synonyms	Mannosyl (Alpha-1,6-)-Glycoprotein Beta-1,2-N-Acetylglucosaminyltransferase, GlcNAc-T II, Mannoside Acetylglucosaminyltransferase 2, GNT-II, Beta-1,2-N-Acetylglucosaminyltransferase II, N-Glycosyl-Oligosaccharide-Glycoprotein N-Acetylglucosaminyltransferase
Description	MGAT2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 439 amino acids (30-447a.a) and having a molecular mass of 50kDa. MGAT2 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q10469
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MRQRKNEALA PPLLDAPAR GAGGRGGDHP SVAVGIRRVSNVSAASLVPA VPQPEADNLT LRYRSLVYQL NFDQTLRNVD KAGTWAPREL VLVVQVHNRPEYLRLLLLDSL RKAQGIDNVL VIFSHDFWST EINQLIAGVN FCPVLQVFFP FSIQLYPNEF PGSDPRDCPRDLPKNAALKL GCINAEYPDS FGHYREAKFS QTKHHWWWKL HFVWERVKIL RDYAGLILFLEEDHYLAPDF YHVFKKMWKL KQQECPECDV LSLGTYSASR SFYGMADKVD VKTWKSTEHN MGLAL-TRNAY QKLIECTDTF CTYDDYNWDW TLQYLTVSCL PKFWKVLVPQ IPRIFHAGDC GMHHKKTCRP
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
Formulation and Purity	MGAT2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M urea. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**