

Human MGAT2 Recombinant Protein



RPPB1941

Product Information Protein Information

Product SKU:

RPPB1941

Accession:

Q10469

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered clear solution.

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 II, EC 2.4.1.143, CDG2A, CDGS2, GLCNACTI, NT2, Alpha-1,6-Mannosyl-Glycoprotein 2-Beta-N-Acetylglucosaminyltransferase, UDP-N-Acetylglucosamine:Alpha-6-D-Mannoside, Beta-1,2-N-Acetylglucosaminyltransferase II.

Formulation:

MGAT2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M urea.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MRQRKNEALA PPLDAEPAR GAGGRGGDHP SVAVGIRRVV NVSAASLVPA
VPQPEADNLT LRYRSLVYQL NFDQTLRNVD KAGTWAPREL VLVVQVHNRP EYLRLLDLSL RKAQGIDNVL
VIFSHDFWST EINQLIAGVN FCPVLQVFFP FSIQLYPNEF PGSDPRDCPR DLPKNAALKL GCINAEYPDS
FGHYREAKFS QTKHHWWWKL HFVWERVKIL RDYAGLILFL EEDHYLAPDF YHVFKKMWKL KQECPECDV
LSLGTYSASR SFYGMADKVD VKTWKSTEHN MGLALTRNAY QKLICTDTF CTYDDYNWDW TLQYLTVSCL
PKFWKVLVPQ IPRIFHAGDC GMHHKTCRP STQSAQIESL LNNNKQYMFP ETLTISEKFT VVAISPPRKN
GGWGDIRDHE LCKSYRRLQ.