

Human MGAT2 Recombinant Protein



RPPB1942

Product Information Protein Information

Product SKU:

RPPB1942

Accession:

Q10469

Host:

Sf9, Baculovirus cells.

Protein description:

MGAT2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 427 amino acids (30-447a.a.) and having a molecular mass of 49.3kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).MGAT2 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Alpha-1, 6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase, MGAT2, CDG2A, CDGS2, GLCNACTII, GNT-II, GNT2, Beta-1,2-N-acetylglucosaminyltransferase II, GlcNAc-T II, Mannoside acetylglucosaminyltransferase 2, N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II.

Formulation:

MGAT2 protein solution (0.25mg/ml) contains 20mM Tris-HCl (pH 7.5), 10% glycerol, 0.15M NaCl and 1mM DTT.

Purity:

Greater than 90.0% 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). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

ADPRQRKNEA LAPLLDAEP ARGAGGRGGD HPSVAVGIRR VSNVSAASLV PAVPQPEADN LTLRYRSLVY
QLNFDQTLRN VDKAGTWAPR ELVLVVQVHN RPEYLRLLLD SLRKAQGIDN VLVFVSHDFW STEINQLIAG
VNFCPLQVF FPFSIQLYPN EFPGSDPRDC PRDLPKNAALKLGCINAIEYV DSGHYREAK FSQTKHHWWW
KLHFVWERVK ILRDYAGLIL FLEEDHYLAP DFYHVFKKMW KLKQQEPEC DVLSLGTYSY SRSFYGMADK
VDVKTWKSTE HNMGLALTRN AYQKLIECTD TFCTYDDYNW DWTLQYLTVS CLPKFWKVLV PQIPRIFHAG
DCGMHHKKTCPSTQSAQIE SLLNNNKQYM FPETLTISEK FTVVAISPPR KNGGWGDIRD HELCKSYRRL
QHSHHHH.