abcam

Product datasheet

Recombinant Human MGAT2 protein (denatured) ab177615

1 Image

Description

Product name	Recombinant Human MGAT2 protein (denatured)
Purity	> 85 % SDS-PAGE.
Expression system	Escherichia coli
Accession	Q10469
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MRQRKNEALA PPLLDAEPAR GAGGRGGDHP SVAVGIRRVS NVSAASLVPA VPQPEADNLT LRYRSLVYQL NFDQTLRNVD KAGTWAPREL VLVVQVHNRP EYLRLLLDSL RKAQGIDNVL VIFSHDFWST EINQLIAGVN FCPVLQVFFP FSIQLYPNEF PGSDPRDCPR DLPKNAALKL GCINAEYPDS FGHYREAKFS QTKHHWWWKL HFVWERVKIL RDYAGLILFL EEDHYLAPDF YHVFKKMWKL KQQECPECDV LSLGTYSASR SFYGMADKVD VKTWKSTEHN MGLALTRNAY QKLIECTDTF CTYDDYNWDW TLQYLTVSCL PKFWKVLVPQ IPRIFHAGDC GMHHKKTCRP STQSAQIESL LNNNKQYMFP ETLTISEKFT VVAISPPRKN GGWGDIRDHE LCKSYRRLQ
Predicted molecular weight	50 kDa including tags
Amino acids	30 to 447
Tags	His tag N-Terminus
Additional sequence information	Lumenal domain (NP_002399).
Description	Recombinant Human MGAT2 protein

Specifications

Our **Abpromise guarantee** covers the use of **ab177615** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

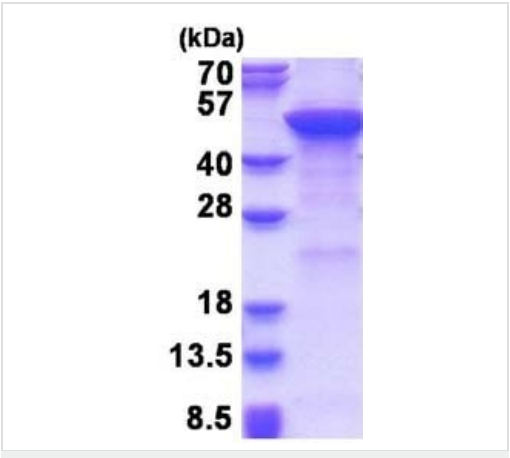
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

Relevance	MGAT2 is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain. Mutations in its gene may lead to carbohydrate-deficient glycoprotein syndrome, type II. The product of this gene is a Golgi enzyme catalyzing an essential step in the conversion of oligomannose to complex N-glycans. The enzyme has the typical glycosyltransferase domains: a short N-terminal cytoplasmic domain, a hydrophobic non-cleavable signal-anchor domain, and a C-terminal catalytic domain.
Cellular localization	Golgi Apparatus membrane; type II membrane protein

Images



SDS-PAGE - Recombinant Human MGAT2 protein (denatured) (ab177615)

15% SDS-PAGE analysis of ab177615 (3µg)

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