

Datasheet for ABIN7549372
MGAT2 Protein (AA 1-447) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MGAT2
Protein Characteristics:	AA 1-447
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MGAT2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MGAT2 Protein expressed in mammalian cells.
Sequence:	<p>MRFRIYKRKV LILTLVVAAC GFVLWSSNGR QRKNEALAPP LLDAEPARGA GGRGGDHPSV AVGIRRVSNV SAASLVPVPV QPEADNLTLR YRSLVYQLNF DQTLRNVDKA GTWAPRELV VVQVHNRPEY LRLLLDSLRLK AQGIDNVLVI FSHDFWSTEI NQLIAGVNFC PVLQVFFPFS IQLYPNEFFPG SDPRDCPRDL PKNAALKLGC INAEYPDSFG HYREAKFSQT KHHWWWKLHF VWERVKILRD YAGLILFLEE DHYLAPDFYH VFKKMWKLKQ QECPECDVLS LGTYSASRSF YGMADKVDVK TWKSTEHMNG LALTRNAYQK LIECTDTFCT YDDYNWDWTL QYLTVSCLPK FWKVLVPQIP RIFHAGDCGM HHKKTCRPST QSAQIESLLN NNKQYMPET LTISEKFTVV AISPPRKNNGG WGDIRDHELC KSYRRLQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
---------	---

Grade:	custom-made
--------	-------------

Target Details

Target:	MGAT2
---------	-------

Alternative Name:	MGAT2 (MGAT2 Products)
-------------------	--

Background:	Alpha-1,6-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (EC 2.4.1.143) (Beta-1,2-N-acetylglucosaminyltransferase II) (GlcNAc-T II) (GNT-II) (Mannoside acetylglucosaminyltransferase 2) (N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II),FUNCTION: Plays an essential role in protein N-glycosylation. Catalyzes the transfer of N-acetylglucosamine (GlcNAc) onto the free terminal mannose moiety in the core structure of the nascent N-linked glycan chain, giving rise to the second branch in complex glycans. {ECO:0000269 PubMed:11228641, ECO:0000269 PubMed:29666272, ECO:0000269 PubMed:8808595}.
-------------	---

Molecular Weight:	51.6 kDa
-------------------	----------

UniProt:	Q10469
----------	------------------------

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
--------------------	---

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
