Datasheet for ABIN7560206
MGAT2 Protein (AA 1-442) (His tag)

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Overview

Quantity:	1 mg
Target:	MGAT2
Protein Characteristics:	AA 1-442
Origin:	Mouse
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 mammalien cells.
Sequence:	MRFRIYKRKV LILTLVVAAC GFVLWSSNGR QRKSDALGPP LLDAEPVRGA GHLAVSVGIR RVSNESAAPL VPAVPRPEVD NLTLRYRSLV YQLNFDQMLR NVGNDGTWSP GELVLVVQVH NRPEYLRLLI DSLRKAQGIQ EVLVIFSHDF WSAEINSLIS RVDFCPVLQV FFPFSIQLYP NEFPGSDPRD CPRDLKKNAA LKLGCINAEY PDSFGHYREA KFSQTKHHWW WKLHFVWERV KVLQDYTGLI LFLEEDHYLA PDFYHVFKKM WKLKQQECPG CDVLSLGTYT TIRSFYGIAD KVDVKTWKST EHNMGLALTR DAYQKLIECT DTFCTYDDYN WDWTLQYLTL ACLPKIWKVL VPQAPRIFHA GDCGMHHKKT CRPSTQSAQI ESLLNSNKQY LFPETLVIGE KFPMAAISPP RKNGGWGDIR DHELCKSYRR LQ **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.**
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalien 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:11805078}.
Molecular Weight:	51.0 kDa
UniProt:	Q921V5

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

	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