



[Go to Product page](#)

Datasheet for ABIN1658658

MGAT1 Protein (AA 1-444) (His tag)

Overview

Quantity:	1 mg
Target:	MGAT1
Protein Characteristics:	AA 1-444
Origin:	Arabidopsis thaliana
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MGAT1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MARISCDLRF LLIPAAFMFI YIQMRLFQTQ SQYADRLSSA IESNHCTSQ MRGLIDEVSI KQSRIVALED MKNRQDEELV QLKDLIQTFE KKGI AKLTQG GQMPVAAVVV MACSRADYLE RTVKSVLTYQ TPVASKYPLF ISQDGSQAV KSKLSYNQL TYMQHLD FEP VVTERPGELT AYYKIARHYK WALDQLFYKH KFSRVILED DMEIAPDFFD YFEAAASLMD RDKTIMAASS WNDNGQKQFV HDPYALYRSD FFPGLGWMLK RSTWDELS PK WPKAYWDDWL RLKENHKGRQ FIRPEVCRTY NFGHEGSSLG QFFSQYLEPI KLNDVTVDWK AKDLGYL TEG NYTKYFSGLV RQARPIQGSD LVLKAQNIKD DVRIRYKDQV EFERIAGEFG IFEWKG DVP RTAYKGVVVF RIQTTRRVFL VGPDSVMQLG IRNS
Specificity:	Arabidopsis thaliana (Mouse-ear cress)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: MGAT1

Alternative Name: Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase (GNTI) ([MGAT1 Products](#))

Background: Recommended name: Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase.
EC= 2.4.1.101.
Alternative name(s): N-acetylglucosaminyltransferase I.
Short name= GlcNAcT-I N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase I Protein COMPLEX GLYCAN LESS 1

UniProt: [Q9XGM8](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

Handling

one week

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.