

Recombinant Human MOGAT1 Protein, GST-tagged

Cat. No. MOGAT1-5467H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human MOGAT1 full-length ORF (AAI46519.1, 1 a.a. - 334 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Acyl-CoA: monoacylglycerol acyltransferase (MOGAT; EC 2.3.1.22) catalyzes the synthesis of diacylglycerols, the precursor of physiologically important lipids such as triacylglycerol and phospholipids (Yen et al., 2002 [PubMed 12077311]).[supplied by OMIM
Molecular Mass	63.69 kDa
AA Sequence	MKVEFAPLNIQLARRLQTVAVLQWVLSFLTGPMSIGITVMLIIHNYLFLYIPYLMWLYF DWHTPERGGRRSSWIKNWTLWKHF KDYFPIHLIKTQDLDP SHNYIFGFH PHGIMAV GAFGNFSVNYSDFKDLFPGF TSYLHVLPLWFWCPVFREYVMSVGLVSVSKKSVSY MVSKEGGGNISVIVLGGAKESLDAHPGKFTL FIRQRKGFVKIALTHGASLVPVVSFGE NELFKQTDNPEGSWIRTVQNKLQKIMGFALPLFHARGV FQYNFGLMTYRKAIHTVVG RPIPVRQTLNPTQEIQIEELHQTYMEELRKLFEEHK GKYG IPEHETLVLK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MOGAT1 monoacylglycerol O-acyltransferase 1 [Homo sapiens]
Official Symbol	MOGAT1
Synonyms	MOGAT1; monoacylglycerol O-acyltransferase 1; DGAT2L1, diacylglycerol O acyltransferase 2 like 1; 2-acylglycerol O-acyltransferase 1; DGAT2L; MGAT1; hDC2; diacylglycerol O-acyltransferase 2 like 1; acyl-CoA:monoacylglycerol acyltransferase 1; diacylglycerol O-acyltransferase candidate 2; diacylglycerol acyltransferase 2-like protein 1; DGAT2L1;
Gene ID	116255
mRNA Refseq	NM_058165
Protein Refseq	NP_477513
MIM	610268
UniProt ID	Q96PD6

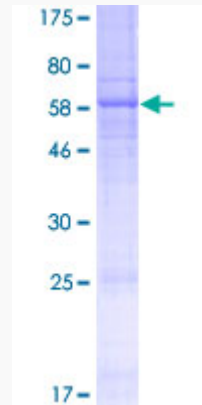
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Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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