

Recombinant Human MOGAT3 Protein, GST-tagged

Cat. No. MOGAT3-5470H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MOGAT3 full-length ORF (NP_835470.1, 1 a.a. - 341 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 diacylglycerol from 2-monoacylglycerol and fatty acyl-CoA (Cheng et al., 2003 [PubMed 12618427]).[supplied by OMIM]
Molecular Mass	65.1 kDa
AA Sequence	MGVATTLPPTTSKTLQKQHLEAVGAYQYVLTFLFMGPFFSLLVFVLLFTSLWPFSV FYLVWLYVDWDTPNQGGRRSEWIRNRAIWRQLRDYYPVKLVKTAELPPDRNYVLG AHPHGIMCTGFLCNFSTESNGFSQLFPGLRPWLAVLAGLFYLPVYRDYIMSFGLCPV SRQSLDFILSQPQLGQAVVIMVGGAEALYSVPGEHCLTLQKRKGFVRLALRHGASL VPVYSFGENDIFRLKAFATGSWQHWCQLTFKKLMGFSPCIFWGRGLFSATSWGLLP FAVPITTVVGRPIPVQRLHPTEEEVNHYHALYMTALEQLFEEHKESCGVPASTCLTF I
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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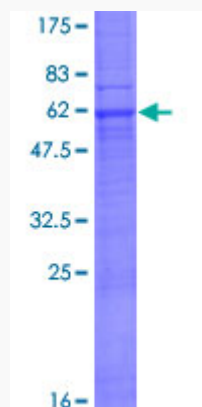
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	MOGAT3 monoacylglycerol O-acyltransferase 3 [Homo sapiens]
Official Symbol	MOGAT3
Synonyms	MOGAT3; monoacylglycerol O-acyltransferase 3; 2-acylglycerol O-acyltransferase 3; DC7; DGAT2L7; hDC7; acyl-CoA:monoacylglycerol acyltransferase 3; diacylglycerol O-acyltransferase candidate 7; diacylglycerol acyltransferase 2-like protein 7; acyl coenzyme A:monoacylglycerol acyltransferase 3; MGAT3; MGC119203; MGC119204;
Gene ID	346606
mRNA Refseq	NM_178176
Protein Refseq	NP_835470
MIM	610184
UniProt ID	Q86VF5

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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