

## Recombinant Human MOGAT2 Protein, GST-tagged

Cat. No. MOGAT2-5468H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human MOGAT2 full-length ORF ( AAI03879.1, 1 a.a. - 284 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	Dietary fat absorption from the small intestine is facilitated by acyl-CoA:monoacylglycerol transferase (MOGAT; EC 2.3.1.22) and acyl-CoA:diacylglycerol acyltransferase (DGAT; see MIM 604900) activities. MOGAT catalyzes the joining of monoacylglycerol and fatty acyl-CoAs to form diacylglycerol (Yen and Farese, 2003 [PubMed 12621063]).[supplied by OMIM
<b>Molecular Mass</b>	58.7 kDa
<b>AA Sequence</b>	MVEFAPLPMPWERRLQTLAVLQFVFSFLALAEICTVGFIALLFTRFWLLTVLYAAWWY LDRDKPRQGGRHIQAIRCWTIWKYMKDYPFISLVKTAELDPSRNYIAGFHPHGVLA V GAFANLCTESTGFSSIFPGIRPHLMMLTLWFRAPFFRDYIMSAGLVTSEKESAAHILN RKGGNLLGIIVGGAQEALDARPGSFTLLLRNRKGFVRLALTHGYQASGKSTLGSVG NWQGFYFGGKMAETNADSILVEIFSPFTIKIIFWCLMPKYLEKFPQRRLSDLRN
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	MOGAT2 monoacylglycerol O-acyltransferase 2 [ Homo sapiens ]
<b>Official Symbol</b>	MOGAT2
<b>Synonyms</b>	MOGAT2; monoacylglycerol O-acyltransferase 2; 2-acylglycerol O-acyltransferase 2; DGAT2L5; FLJ22644; MGAT2; hDC5; hMGAT2; acyl CoA:monoacylglycerol acyltransferase 2; acyl-CoA:monoacylglycerol acyltransferase 2; diacylglycerol O-acyltransferase candidate 5; diacylglycerol acyltransferase 2-like protein 5; MGC119183; MGC119184; MGC119185;
<b>Gene ID</b>	80168
<b>mRNA Refseq</b>	NM_025098
<b>Protein Refseq</b>	NP_079374
<b>MIM</b>	610270
<b>UniProt ID</b>	Q3SYC2

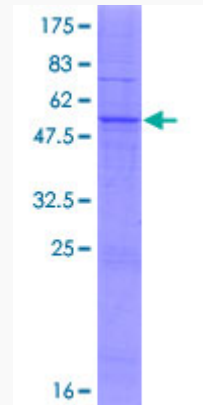
 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Quality Control**

**Testing:**



12.5% SDS-PAGE Stained with Coomassie Blue.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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