

## Recombinant Human MOGAT1 cell lysate

Cat. No. MOGAT1-1127HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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]).
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	MOGAT1 monoacylglycerol O-acyltransferase 1 [ Homo sapiens ]
<b>Official Symbol</b>	MOGAT1
<b>Synonyms</b>	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;

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<b>Gene ID</b>	116255
<b>mRNA Refseq</b>	NM_058165
<b>Protein Refseq</b>	NP_477513
<b>MIM</b>	610268
<b>UniProt ID</b>	Q96PD6
<b>Chromosome Location</b>	2q36.2
<b>Pathway</b>	Triacylglyceride Synthesis, organism-specific biosystem; triacylglycerol biosynthesis, organism-specific biosystem;
<b>Function</b>	2-acylglycerol O-acyltransferase activity; diacylglycerol O-acyltransferase activity; transferase activity, transferring acyl groups other than amino-acyl groups;

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