

Recombinant Human MOGAT3, His-tagged

Cat. No. MOGAT3-935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MOGAT3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	157-290aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

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;

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	MGC119204;
Gene ID	346606
mRNA Refseq	NM_178176
Protein Refseq	NP_835470
MIM	610184
UniProt ID	Q86VF5
Chromosome Location	7q22
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Triacylglyceride Synthesis, organism-specific biosystem; Triacylglycerol biosynthesis, organism-specific biosystem;
Function	2-acylglycerol O-acyltransferase activity; diacylglycerol O-acyltransferase activity; transferase activity, transferring acyl groups other than amino-acyl groups;