Recombinant Mouse Dgat1 HEK293T cell lysate

Cat. No. Dgat1-728ML **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse Dgat1 derived in Human HEK293T cell line.
Species	Mouse
Source	HEK293
Description	Dgat1 played an important role in many functions.
Form	The cell lysate is provided in RIPA buffer.
Molecular Mass	55.1 kDa
Storage	The lysate is shipped with dry ice. Upon receiving, store the sample at -20 centigrade. Lysate samples are stable for 12 months from date of receipt when stored at -20 centigrade. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20 centigrade for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name	Dgat1 diacylglycerol O-acyltransferase 1 [Mus musculus]
Official Symbol	Dgat1

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Synonyms	DGAT1; diacylglycerol O-acyltransferase 1; diglyceride acyltransferase; diacylglycerol acyltransferase 1; Dgat; C75990; D15Ertd23e;
Gene ID	13350
mRNA Refseq	NM_010046
Protein Refseq	NP_034176
UniProt ID	Q9Z2A7
Chromosome Location	15 D3; 15 35.99 cM
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem;
Function	2-acylglycerol O-acyltransferase activity; O-acyltransferase activity; diacylglycerol O-acyltransferase activity; diacylglycerol O-acyltransferase activity; diacylglycerol binding; fatty acid binding; transferase activity; transferase activity, transferring acyl groups;

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