

Recombinant Human DGAT1 protein, His-tagged

Cat. No. DGAT1-27H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DGAT1 protein(200-300 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	200-300 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	AHTILFLKLFSYRDVNSWCRRARAKAASAGKKASSAAAPHTVSYPDNLTYRDLYYFL

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FAPTLCYELNFPRSPRIRKRFLRRILEMLFFTQLQVGLIQQWM

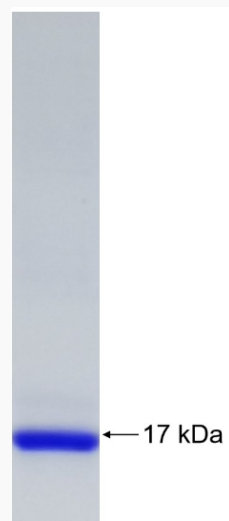
GENE INFORMATION

Gene Name	DGAT1 diacylglycerol O-acyltransferase 1 [Homo sapiens]
Official Symbol	DGAT1
Synonyms	DGAT1; diacylglycerol O-acyltransferase 1; diacylglycerol O acyltransferase homolog 1 (mouse); ARGP1; DGAT; ACAT related gene product 1; ACAT-related gene product 1; diglyceride acyltransferase; diacylglycerol O-acyltransferase homolog 1; acyl coenzyme A:cholesterol acyltransferase related gene 1;
Gene ID	8694
mRNA Refseq	NM_012079
Protein Refseq	NP_036211
MIM	604900
UniProt ID	O75907

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