Recombinant Full Length Human DGAT2 Protein, GST-tagged

Cat. No. DGAT2-6906HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length DGAT2 (1 a.a. - 388 a.a.) fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	388 amino acids
Description	This gene encodes one of two enzymes which catalyzes the final reaction in the synthesis of triglycerides in which diacylglycerol is covalently bound to long chain fatty acyl-CoAs. The encoded protein catalyzes this reaction at low concentrations of magnesium chloride while the other enzyme has high activity at high concentrations of magnesium chloride. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	70.2 kDa
Applications	ELISA; WB
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.

GENE INFORMATION

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Gene Name	DGAT2 diacylglycerol O-acyltransferase 2 [Homo sapiens]
Official Symbol	DGAT2
Synonyms	DGAT2; diacylglycerol O-acyltransferase 2; ARAT; HMFN1045; GS1999FULL; diglyceride acyltransferase 2; retinol O-fatty-acyltransferase; acyl-CoA retinol O-fatty-acyltransferase; diacylglycerol O-acyltransferase homolog 2; diacylglycerol O-acyltransferase-like protein 2; EC 2.3.1.20; EC 2.3.1.76
Gene ID	84649
mRNA Refseq	NM_032564
Protein Refseq	NP_115953
MIM	606983
UniProt ID	Q96PD7

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