

## Recombinant Human DGAT2 protein, His-tagged

Cat. No. DGAT2-122H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DGAT2 protein, Arg268~Phe377 with N-terminal His Tag, was expressed in E. coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	268-377 a.a.
<b>Form</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.
<b>Molecular Mass</b>	16.5kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 oC for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under

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appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

DGAT2 diacylglycerol O-acyltransferase 2 [ Homo sapiens ]

**Official Symbol**

DGAT2

**Synonyms**

DGAT2; diacylglycerol O-acyltransferase 2; diacylglycerol O acyltransferase homolog 2 (mouse); diglyceride acyltransferase 2; diacylglycerol O-acyltransferase homolog 2; diacylglycerol O-acyltransferase-like protein 2; HMFN1045; GS1999FULL; DKFZp686A15125;

**Gene ID**

84649

**mRNA Refseq**

NM\_001253891

**Protein Refseq**

NP\_001240820

**MIM**

606983

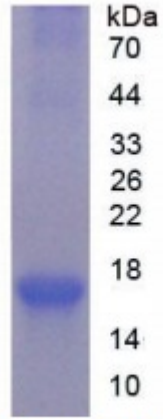
**UniProt ID**

Q96PD7

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**Figure 1. SDS-PAGE**

SDS-PAGE

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