

Recombinant Human OLAH 293 Cell Lysate

Cat. No. OLAH-3585HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for oleoyl-ACP hydrolase (OLA), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

OLAH oleoyl-ACP hydrolase [Homo sapiens]

Official Symbol

OLAH

Synonyms

OLAH; oleoyl-ACP hydrolase; THEDC1, thioesterase domain containing 1; S-acyl fatty acid synthase thioesterase, medium chain; FLJ111106; SAST; thioesterase II; thioesterase domain containing 1; augmented in rheumatoid arthritis 1; thioesterase domain-containing protein 1; AURA1; THEDC1; MGC51852;

Gene ID

55301

mRNA Refseq

NM_001039702

Protein Refseq

NP_001034791

UniProt ID

Q9NV23

Chromosome Location

10p13

Pathway

Fatty acid biosynthesis, organism-specific biosystem; Fatty acid biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem;

Function

hydrolase activity; hydrolase activity, acting on ester bonds; myristoyl-[acyl-carrier-protein] hydrolase activity; oleoyl-[acyl-carrier-protein] hydrolase activity; palmitoyl-

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[acyl-carrier-protein] hydrolase activity;

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