

Recombinant Human OXCT2 293 Cell Lysate

Cat. No. OXCT2-3507HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for 3-oxoacid CoA transferase 2 (OXCT2) 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

OXCT2 3-oxoacid CoA transferase 2 [Homo sapiens]

Official Symbol

OXCT2

Synonyms

OXCT2; 3-oxoacid CoA transferase 2; succinyl-CoA:3-ketoacid-coenzyme A transferase 2, mitochondrial; FKSG25; FLJ00030; SCOT T; 3-oxoacid-CoA transferase 2A; testis-specific succinyl CoA:3-oxoacid CoA-transferase; testis-specific succinyl-CoA:3-oxoacid CoA-transferase; SCOTT;

Gene ID

64064

mRNA Refseq

NM_022120

Protein Refseq

NP_071403

MIM

610289

UniProt ID

Q9BYC2

Chromosome Location

1p34

Pathway

Butanoate metabolism, organism-specific biosystem; Butanoate metabolism, conserved biosystem; Synthesis and degradation of ketone bodies, organism-specific biosystem; Synthesis and degradation of ketone bodies, conserved biosystem;

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Valine, leucine and isoleucine degradation, organism-specific biosystem; Valine, leucine and isoleucine degradation, conserved biosystem;

Function

3-oxoacid CoA-transferase activity; transferase activity;

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