

Recombinant Human FAR2 293 Cell Lysate

Cat. No. FAR2-6328HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for fatty acyl CoA reductase 2 (FAR2) 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 FAR2 fatty acyl CoA reductase 2 [Homo sapiens]

Official Symbol FAR2

Synonyms MLSTD1; SDR10E2

Gene ID 55711

mRNA Refseq NM_018099.3

Protein Refseq NP_060569.3

UniProt ID Q96K12

Chromosome Location 12p11.22

Pathway Metabolism, organism-specific biosystem;Metabolism of lipids and lipoproteins, organism-specific biosystem;Peroxisomal lipid metabolism, organism-specific biosystem;Peroxisome, organism-specific biosystem;Peroxisome, conserved biosystem;Plasmalogen biosynthesis, organism-specific biosystem;

Function nucleotide binding;oxidoreductase activity, acting on the aldehyde or oxo group of donors, NAD or NADP as acceptor;

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