

Recombinant Human PEXI 293 Cell Lysate

Cat. No. PEXI-3310HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peroxisomal D3,D2-enoyl-CoA isomerase (PEXI), transcript variant 1 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 ECI2 enoyl-CoA delta isomerase 2 [Homo sapiens (human)]

Official Symbol Peci

Synonyms ECI2; DRS1; Peci; ACBD2; DRS-1; HCA88; dJ1013A10.3; enoyl-CoA delta isomerase 2; enoyl-CoA delta isomerase 2, mitochondrial; DBI-related protein 1; dodecenoyl-CoA isomerase; D3,D2-enoyl-CoA isomerase; renal carcinoma antigen NY-REN-1; delta(3),delta(2)-enoyl-CoA isomerase; peroxisomal D3,D2-enoyl-CoA isomerase; peroxisomal 3,2-trans-enoyl-CoA isomerase; acyl-Coenzyme A binding domain containing 2; diazepam-binding inhibitor-related protein 1; hepatocellular carcinoma-associated antigen 88; EC 5.3.3.8

Gene ID 10455

mRNA Refseq NM_001166010

Protein Refseq NP_001159482

MIM 608024

UniProt ID O75521

Chromosome Location 6p24.3

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Pathway	Fatty acid degradation; Peroxisome
Function	dodecenoyl-CoA delta-isomerase activity; fatty-acyl-CoA binding; receptor binding