

Recombinant Human PPARD 293 Cell Lysate

Cat. No. PPARD-2986HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for peroxisome proliferator-activated receptor delta (PPARD), 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

PPARD peroxisome proliferator-activated receptor delta [Homo sapiens]

Official Symbol

PPARD

Synonyms

PPARD; peroxisome proliferator-activated receptor delta; peroxisome proliferative activated receptor, delta; FAAR; NR1C2; NUC1; NUC2; PPAR-beta; PPAR-delta; nuclear hormone receptor 1; nuclear receptor subfamily 1 group C member 2; peroxisome proliferator-activated receptor beta; peroxisome proliferator-activated nuclear receptor beta/delta variant 2; NUC1; PPARB; MGC3931;

Gene ID

5467

mRNA Refseq

NM_001171818

Protein Refseq

NP_001165289

MIM

600409

UniProt ID

Q03181

**Chromosome
Location**

6p21.2

Pathway

Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adipogenesis, organism-specific biosystem; Energy

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Metabolism, organism-specific biosystem; Gene Expression, organism-specific biosystem; Generic Transcription Pathway, organism-specific biosystem; Nuclear Receptor transcription pathway, organism-specific biosystem;

Function

DNA binding; drug binding; fatty acid binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; linoleic acid binding; lipid binding; metal ion binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; zinc ion binding;

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