

Recombinant Mouse Ppard Protein, Myc/DDK-tagged

Cat. No. Ppard-5029M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length peroxisome proliferator activator receptor delta (Ppard), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ligand-activated transcription factor. Receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Has a preference for poly-unsaturated fatty acids, such as gamma-linoleic acid and eicosapentanoic acid. Once activated by a ligand, the receptor binds to promoter elements of target genes. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the acyl-CoA oxidase gene. Decreases expression of NPC1L1 once activated by a ligand.
Molecular Mass	50.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Ppard peroxisome proliferator activator receptor delta [Mus musculus (house mouse)]

Official Symbol Ppard

Synonyms PPARD; peroxisome proliferator activator receptor delta; peroxisome proliferator-activated receptor delta; mPPAR(delta); PPARDelta/beta; nuclear hormone receptor 1; nuclear receptor subfamily 1 group C member 2; Peroxisome proliferator-activated receptor beta; NUC1; NUC-1; Nr1c2; Pparb; PPAR[b]; Pparb/d; PPAR-beta; PPARDelta; PPAR-delta

Gene ID 19015

mRNA Refseq NM_011145

Protein Refseq NP_035275

UniProt ID P35396

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