Recombinant Human PPARD Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPARD-6538H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PPARD MS Standard C13 and N15-labeled recombinant protein (NP_006229) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) family. The encoded protein is thought to function as an integrator of transcriptional repression and nuclear receptor signaling. It may inhibit the ligand-induced transcriptional activity of peroxisome proliferator activated receptors alpha and gamma, though evidence for this effect is inconsistent. Expression of this gene in colorectal cancer cells may be variable but is typically relatively low. Knockout studies in mice suggested a role for this protein in myelination of the corpus callosum, lipid metabolism, differentiation, and epidermal cell proliferation. Alternative splicing results in multiple transcript variants encoding distinct protein isoforms.
Molecular Mass	49.7 kDa
AA Sequence	MEQPQEEAPEVREEEEKEEVAEAEGAPELNGGPQHALPSSSYTDLSRSSSPPSLLD QLQMGCDGASCGSLNMECRVCGDKASGFHYGVHACEGCKGFFRRTIRMKLEYEK CERSCKIQKKNRNKCQYCRFQKCLALGMSHNAIRFGRMPEAEKRKLVAGLTANEGS QYNPQVADLKAFSKHIYNAYLKNFNMTKKKARSILTGKASHTAPFVIHDIETLWQAEK

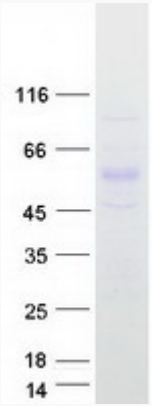
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	GLVWKQLVNGLPPYKEISVHVFYRCQCTTVETVRELTEFAKSIPSFSSLFLNDQVTLL KYGVHEAIFAMLASIVNKDGLLVANGSGFVTREFLRSLRKPFSDIIEPKFEFAVKFNAL ELDDSDLALFIAAIILCGDRPGLMNVPRVEAIQDTILRALEFHLQANHPDAQYLFPKLL QKMADLRQLVTEHAQMMQRIKKTETETSLHPLLQEIYKDMYTRTRPLEQKLISEEDL AANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PPARD peroxisome proliferator-activated receptor delta [Homo sapiens (human)]
Official Symbol	PPARD
Synonyms	PPARD; peroxisome proliferator-activated receptor delta; peroxisome proliferative activated receptor, delta; FAAR; NR1C2; NUC1; NUCII; 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; NUCI; PPARB; MGC3931;
Gene ID	5467

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mRNA Refseq	NM_006238
Protein Refseq	NP_006229
MIM	600409
UniProt ID	Q03181
SDS-PAGE	

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