

Product datasheet for PH314735

PPAR delta (PPARD) (NM_006238) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PPARD MS Standard C13 and N15-labeled recombinant protein (NP_006229)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214735
Predicted MW:	49.7 kDa
Protein Sequence:	>RC214735 representing NM_006238 Red=Cloning site Green=Tags(s)

MEQPQEEAPEVREEEKEEVAEAEAGAPELNGGPQHALPSSSYTDL SRSSSPSSLDDQLQMCGDGASCGSL
NMECRVCGDKASGFHYGVHACEGCKGFFRRTIRMKLEYEKERSCKIQKKNRNKCQYCRFQKCLALGMSH
NAIRFGRMPEAEKRKLVAGLTANEGSQYNPQVADLKAFSKHIYNAYLKNFNMTKKKARSILT GKASHTAP
FVIHDIETLWQAEKGLVWKQLVNGLPPYKEISVHVYRCQCTTVETVRELTEFAKSIPFSSFLNDQVT
LLKYGVHEAIFAMLASIVNKDGLLVANGSGFVTREFLRSLRKPFSDIIEPKFEFAVKFNALELDDSDLAL
FIAAIIILCGDRPGLMNVPRVEAIQDTILRALEFHLQANHPDAQYLFPKLLQKMADLRQLVTEHAQMMQRI
KKTETETSLHPLLQEIKDMY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006229</u>
RefSeq Size:	3328
RefSeq ORF:	1323
Synonyms:	FAAR; NR1C2; NUC1; NUCI; NUCII; PPARB



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Locus ID: 5467

UniProt ID: [Q03181](#), [A0A024RCW6](#)

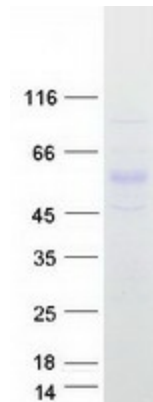
Cytogenetics: 6p21.31

Summary: 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. [provided by RefSeq, Aug 2017]

Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Acute myeloid leukemia, Pathways in cancer, PPAR signaling pathway, Wnt signaling pathway

Product images:



Coomassie blue staining of purified PPARD protein (Cat# [TP314735]). The protein was produced from HEK293T cells transfected with PPARD cDNA clone (Cat# [RC214735]) using MegaTran 2.0 (Cat# [TT210002]).