

## Product datasheet for **TP314735L**

### PPAR delta (PPARD) (NM\_006238) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human peroxisome proliferator-activated receptor delta (PPARD), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214735 representing NM_006238 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEQPQEEAPEVREEEEEKEEVAEAEAGAPELNGGPQHALLPSSSYTDLRSSSPPSLLDQLQMGCDGASCGSL  
NMECRVCGDKASGFHYGVHACEGCKGFFRRTIRMKLEYEKCERSCKIQKKNRNKCYCRFQKCLALGMSH  
NAIRFGRMPEAEKRKLVAGLTANEGSQYNPQVADLKAFSKHIYNAYLKNFNMTKKARSILTGGASHTAP  
FVIHDIETLWQAEKGLVWKQLVNLPPYKEISVHVYRCQCTTVETVRELTEFAKSIPSFSSLFLNDQVT  
LLKYGVEAIFAMLASIVNKDGLLVANGSGFVTRFLRSLRKPFSDIIEPKFEFAVKFNALELDDSDLAL  
FIAIILCGDRPGLMNVPRVEAIQDITLRALEFHLQANHPDAQYLFPKLLQKMAADLRQLVTEHAQMMQRI  
KKTETETSLHPLLQEIKDMY

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	49.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_006229](#)

Locus ID: 5467

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

RefSeq Size: 3328

Cytogenetics: 6p21.31

RefSeq ORF: 1323

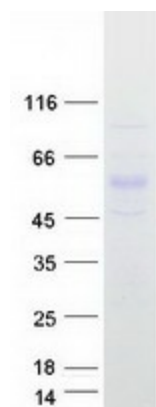
Synonyms: FAAR; NR1C2; NUC1; NUCI; NUCII; PPARB

**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]).