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Datasheet for ABIN7505069  
**PPARD Protein (AA 260-426) (His tag)**

### Overview

Quantity:	100 µg
Target:	PPARD
Protein Characteristics:	AA 260-426
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPARD protein is labelled with His tag.

### Product Details

Sequence:	Leu260-Glu426
Characteristics:	A DNA sequence encoding the Human PPAR-δ protein (Q03181) (Leu260-Glu426) was expressed with a N-His .
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	PPARD
Alternative Name:	PPAR-delta ( <a href="#">PPARD Products</a> )
Background:	Background: Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues. 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 Details

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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.

Synonym: Peroxisome proliferator-activated receptor delta, PPAR-delta, NUC1, Nuclear hormone receptor 1, NUC1, Nuclear receptor subfamily 1 group C member 2, Peroxisome proliferator-activated receptor beta, PPAR-beta, NR1C2, PPARB

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Molecular Weight: 18.26 kDa

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UniProt: [Q03181](#)

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Pathways: [Nuclear Receptor Transcription Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Steroid Hormone Mediated Signaling Pathway](#), [Monocarboxylic Acid Catabolic Process](#), [Smooth Muscle Cell Migration](#), [Positive Regulation of fat Cell Differentiation](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: Lyophilized from sterile PBS, pH 7.4.

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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Expiry Date: 12 months