

# Recombinant Human PPAR-delta protein (His tag)

Catalog Number:PDEH100160



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

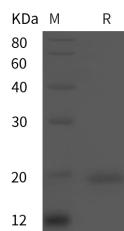
## Description

<b>Synonyms</b>	Peroxisome proliferator-activated receptor delta;PPAR-delta;NUCI;Nuclear hormone receptor 1;NUC1;Nuclear receptor subfamily 1 group C member 2;Peroxisome proliferator-activated receptor beta;PPAR-beta;NR1C2;PPARB
<b>Species</b>	Human
<b>Expression Host</b>	E.coli
<b>Sequence</b>	Leu260-Glu426
<b>Accession</b>	Q03181
<b>Calculated Molecular Weight</b>	18.3 kDa
<b>Observed molecular weight</b>	20 kDa
<b>Tag</b>	N-His

## Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	Please contact us for more information.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
<b>Reconstitution</b>	Please refer to the printed manual for detailed information.

## Data



> 95 % as determined by reducing SDS-PAGE.

## 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 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

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