

Datasheet for ABIN7563171

PPARD Protein (AA 1-440) (His tag)



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Overview

Quantity:	1 mg
Target:	PPARD
Protein Characteristics:	AA 1-440
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPARD protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ppard Protein expressed in mammalian cells.
Sequence:	<p>MEQPQEETPE AREEEKEEVA MGDGAPELNG GPEHTLPSSS CADLSQNSSP SLLDQLQMG</p> <p>CDGASGGS LN MECRVCGDKA SGFHYGVHAC EGCKGFFRRT IRMKLEYEKC DRICKIQKKN</p> <p>RNKCQYCRFQ KCLALGMSHN AIRFGRMPEA EKRKLVAGLT ASEGQHNPNQ LADLKAFSKH</p> <p>IYNAYLKNFN MTKKKARSIL TGKSSHNA PF VIHDIETLWQ AEKGLVWKQL VNGLPPYNEI</p> <p>SVHVFYRCQS TTVETVRELT EFAKNIPNFS SLFLNDQVTL LKYGVHEAIF AMLASIVNKD</p> <p>GLLVANGSGF VTHEFLRLSLR KPFSDIIEPK FEFVAVKFNAL ELDDSDLALF IAAIILCGDR</p> <p>PGLMNVQVE AIQDTILRAL EFHLQVNHPD SQYLFPKLLQ KMADLRQLVT EHAQMMQWLK</p> <p>KTESETLLHP LLQEIKDMY Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PPARD
Alternative Name:	Ppard (PPARD Products)
Background:	<p>Peroxisome proliferator-activated receptor delta (PPAR-delta) (Nuclear hormone receptor 1) (NUC1) (Nuclear receptor subfamily 1 group C member 2) (Peroxisome proliferator-activated receptor beta) (PPAR-beta),FUNCTION: Ligand-activated transcription factor key mediator of energy metabolism in adipose tissues (PubMed:35675826). 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 (By similarity). {ECO:0000250 UniProtKB:Q03181, ECO:0000269 PubMed:35675826}.</p>
Molecular Weight:	49.7 kDa
UniProt:	P35396

Target Details

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

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months