

Recombinant Human PPARA Protein (Pro61-Ala170), His-tagged

Cat. No. PPARA-5939H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PPARA (Pro61-Ala170) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro61-Ala170
Description	Ligand-activated transcription factor. Key regulator of lipid metabolism. Activated by the endogenous ligand 1-palmitoyl-2-oleoyl-sn-glycerol-3-phosphocholine (16:0/18:1-GPC). Activated by oleylethanolamide, a naturally occurring lipid that regulates satiety. Receptor for peroxisome proliferators such as hypolipidemic drugs and fatty acids. Regulates the peroxisomal beta-oxidation pathway of fatty acids. Functions as transcription activator for the ACOX1 and P450 genes. Transactivation activity requires heterodimerization with RXRA and is antagonized by NR2C2. May be required for the propagation of clock information to metabolic pathways regulated by PER2
Form	Lyophilized powder/frozen liquid
Molecular Mass	14.27 kDa
Purity	> 90 % as determined by SDS-PAGE

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
GENE INFORMATION	
Gene Name	PPARA peroxisome proliferator-activated receptor alpha [Homo sapiens (human)]
Official Symbol	PPARA
Synonyms	PPARA; peroxisome proliferator-activated receptor alpha; peroxisome proliferative activated receptor, alpha, PPAR; hPPAR; NR1C1; PPAR-alpha; nuclear receptor subfamily 1 group C member 1; peroxisome proliferative activated receptor, alpha; peroxisome proliferator-activated nuclear receptor alpha variant 3; PPAR; PPARalpha; MGC2237; MGC2452;
Gene ID	5465
mRNA Refseq	NM_001001928
Protein Refseq	NP_001001928
MIM	170998

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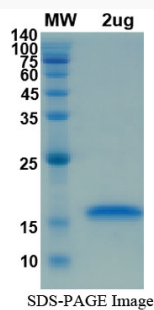
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UniProt ID

Q07869

SDS-PAGE



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