

Recombinant Full Length Human PPARA protein, His-tagged

Cat. No. PPARA-236H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPARA fused with His tag at N-terminal was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-468 a.a.
Description	Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined.
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	52 kDa

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Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name PPARA peroxisome proliferator-activated receptor alpha [Homo sapiens]

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

UniProt ID Q07869

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