

## Recombinant Human PPARA protein, His/MBP-tagged

Cat. No. PPARA-318H Lot. No. (See product label)

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human PPARA(1-122 aa) fused with His/MBP tag was expressed in E. coli.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 1-122 aa  |
| <b>Description</b>      | <p>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.</p> |
| <b>Form</b>             | Liquid in PBS   |
| <b>Purity</b>           | SDS-PAGE >90%   |

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|---------------------|---|
| <b>Applications</b> | WB Positive Control   |
| <b>Stability</b>    | Samples are stable for up to twelve months from date of receipt at -70°C.   |
| <b>Storage</b>      | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | PPARA peroxisome proliferator-activated receptor alpha [ Homo sapiens ]   |
| <b>Official Symbol</b> | PPARA   |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 5465  |
| <b>mRNA Refseq</b>     | NM_001001928  |
| <b>Protein Refseq</b>  | NP_001001928  |
| <b>UniProt ID</b>      | Q07869  |

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