

## Recombinant Human PPARA, GST-tagged

Cat. No. PPARA-113H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human GST-tagged Peroxisome Proliferative Activated Receptor alpha ligand-binding domain (PPAR $\alpha$ -LBD) consists of a 218 a.a. GST tag, a 14 a.a. flexible linker and a 292 a.a. PPAR $\alpha$ -LBD, Acc# NP\_001001928.1, amino acids 177-468, was produced in Sf9 insect cells infected with a recombinant baculovirus.

**Species** Human

**Source** Sf9 Cells

**ProteinLength** 177-468 a.a.

**Form** 20 mM Na-P pH 8.0, 40 mM KCl, 20 mM Na<sub>2</sub>MoO<sub>4</sub>, 7 mM reduced glutathione, 15% glycerol.

**Purity** >90%

**Applications** Ligand binding and coactivator peptide recruitment assays.

**Storage** Immediately store at -80°C. Avoid freeze-thaw cycles. While working, please keep sample on ice.

### GENE INFORMATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<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
<b>Chromosome Location</b>	22q12-q13.1
<b>Pathway</b>	Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem; BMAL1:CLOCK/NPAS2 Activates Circadian Expression, organism-specific biosystem; Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Developmental Biology, organism-specific biosystem;
<b>Function</b>	DNA binding; MDM2 binding; drug binding; ligand-activated sequence-specific DNA binding RNA polymerase II transcription factor activity; lipid binding; metal ion binding; protein binding; protein domain specific binding; receptor activity; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity;

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ubiquitin conjugating enzyme binding; zinc ion binding;

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