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 (PPARα-LBD) consists of a 218 a.a. GST tag, a 14 a.a. flexible linker and a 292 a.a. PPARα-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 Na2MoO4, 7 mM reduced glutathione, 15% glycerol.
Purity	>90%
Applications	Ligand binding and coactivator peptide recruitment assays.
Storage	Immediately store at -80℃. Avoid freeze-thaw cycles.While working, please keep sample on ice.

GENE INFORMATION

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

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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
Chromosome Location	22q12-q13.1
Pathway	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;
Function	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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