

PPAR γ , Human Recombinant

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| CATALOG NO: | P1120-10 | 10 μ g |
| ALTERNATE NAMES: | Peroxisome proliferator-activated receptor gamma, PPAR-gamma, PPARG, NR1C3, PPARG1, PPARG2 | |
| SOURCE: | <i>E.coli</i> (GST tag) | |
| FORM: | Liquid (Sterile Filtered solution) | |
| MOLECULAR WT: | PPAR γ Human Recombinant encoding amino acids 1-477 expressed in <i>E.coli</i> , is fused to a GST tag and it is antibody reactive. The protein has calculated MW with GST tag is 80 kDa | |
| CONCENTRATION: | 0.1 mg/ml | |
| FORMULATION: | In 50 mM Tris-HCl and 10 mM L-glutathione (reduced). | |
| STORAGE CONDITIONS: | Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Avoid multiple freeze-thaw cycles. | |

DESCRIPTION

Peroxisome proliferators are non-genotoxic carcinogens which are purported to exert their effect on cells through their interaction with members of the nuclear hormone receptor family termed peroxisome proliferators activated receptors (PPARs). Nuclear hormone receptors are ligand-dependent intracellular proteins that stimulate transcription of specific genes by binding to specific DNA sequences following activation by the appropriate ligand. Studies indicate that PPARs are activated by peroxisome proliferators such as clofibric acid, nafenopin, and WY-14,643, as well as by some fatty acids.

APPLICATIONS: ELISA, Inhibition Assays, Western Blotting

AMINO ACID SEQ: MGETLGDSP I DPESDSFTDT L SANISQEMT MVDTEMPFWP
 TNFGISSVDLSVMEDHSHSF DIKPFTTVDF SSISTPHYED
 IPFTRTDPVV ADYKYDLKLQEYQSAIKVEP ASPPYSEKT
 QLYNKPHEEP SNSLMAIECR VCGDKASGFH YGVHACEGCK
 GFFRRTIRLK LIYDRCDLNC RIHKKSRNKC QYCRFQKCLA
 VGMSHNAIRF GRMPQAEKEK LLAEISSDID QLNPEADLR
 ALAKHLYDSYIKSFPLTKAK ARAILTGKTT DKSPFVIYDM
 NSLMMGEDKI KFKHITPLQE QSKEVAIRIF QGCQFRSVEA
 VQEITEYAKS IPGFVNLDLN DQVTLKYGVEHIIYTMLAS
 LMNKDGV LIS EGQGFMTREF LKSLRKPF GD FMEPKFEFAV
 KFNALELDDS DLAIFIAVII LSGDRPGLLN VKPIEDIQDN
 LLQALELQLKLNHPESQLF AKLLQKMTDL RQIVTEHV

RELATED PRODUCT:

- PPAR γ (LBD) Human Recombinant (His-tagged) (**Cat. No. 7878-20, -100, -500**)
- PPAR γ , Human, Recombinant (**Cat. No. 4371-10**)
- PPAR γ Antagonist, G3335 (**Cat. No. 1979-10, -25**)
- PPAR γ Ligand Screening/Characterization Assay Kit (Fluorometric) (**Cat. No. K437-100**)
- PPARG polyclonal antibody (**Cat. No. 6833-25**)

FOR RESEARCH USE ONLY! Not to be used on humans.