

Peroxisome proliferator-activated receptor gamma (Pparg) Recombinant Protein | Pparg recombinant protein

Recombinant Mouse Peroxisome proliferator-activated receptor gamma (Pparg)

CATALOG # AAA113420	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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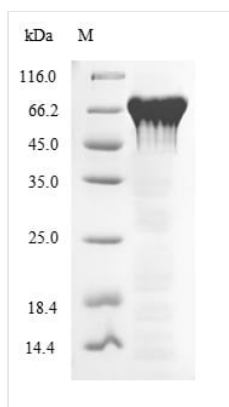
PRODUCT SYNONYMS

Peroxisome proliferator-activated receptor gamma (Pparg); Recombinant Mouse Peroxisome proliferator-activated receptor gamma (Pparg); Peroxisome proliferator-activated receptor gamma; PPAR-gamma; Nuclear receptor subfamily 1 group C member 3; Pparg recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-505aa; Full Length of Isoform 2
Sequence	MGETLGDSPV DPEHGAFADA LPMSTSQEIT MVDTEMPFWP TNFGISSVDL SVMEDHSHSF DIKPFTTVDF SSISAPHYED IPFTRADPMV ADYKYDLKLQ EYQSAIKVEP ASPPYYSEKT QLYNRPHEEP SNSLMAIECR VCGDKASGFH YGVHACEGCK GFFRRTIRLK LIYDRCDLNC RIHKKS RNKC QYCRFQKCLA VGMSHNAIRF GRMPQAEKEK LLAEISSDID QLNPE SADR ALAKHLYDSY IKSFPLTKAK ARAILTGKTT DKSPFVIYDM NSLMMGEDKI KFKHITPLQE QSKEVAIRIF QGCQFRSVEA VQEITEYAKN IPGFINLDLN DQVTLLKYGV HEIITYMLAS LMNKDGV LIS EGQGFMTREF LKSLRKPF GD FMEPKFEFAV KFNALELDDS DLAIFI AVII LSGDRPGLLN VKPIEDIQDN LLQALELQLK LNHPESSQLF AKVLQKMTDL RQIVTEHVQL LHVIKKTETD MSLHPLLQEI YKDLY
Species	Mus musculus (Mouse)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Pparg recombinant protein	Nuclear receptor that binds peroxisome proliferators such as hypolipidemic drugs and fatty acids. Once activated by a ligand, the nuclear receptor binds to DNA specific PPAR response elements (PPRE) and modulates the transcription of its target genes, such as acyl-CoA oxidase. It therefore controls the peroxisomal beta-oxidation pathway of fatty acids. Key regulator of adipocyte differentiation and glucose homeostasis. ARF6 acts as a key regulator of the tissue-specific adipocyte P2 (aP2) enhancer. Acts as a critical regulator of gut homeostasis by suppressing NF-kappa-B-mediated proinflammatory responses. Plays a role in the regulation of cardiovascular circadian rhythms by regulating the transcription of ARNTL/BMAL1 in the blood vessels
Product Categories/Family for Pparg recombinant protein	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	187960105
NCBI GeneID	19016
NCBI Accession #	NP_001120802.1
NCBI GenBank Nucleotide #	NM_001127330.1
UniProt Accession #	P37238
Molecular Weight	73.6 kDa
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma isoform 1
NCBI Official Synonym Full Names	peroxisome proliferator activated receptor gamma
NCBI Official Symbol	Pparg
NCBI Official Synonym Symbols	Nr1c3; PPARgamma; PPAR-gamma; PPARgamma2; PPAR-gamma2
NCBI Protein Information	peroxisome proliferator-activated receptor gamma; nuclear receptor subfamily 1 group C member 3; peroxisome proliferator activated receptor gamma 2; peroxisome proliferator activated receptor gamma 4
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma
UniProt Gene Name	Pparg
UniProt Synonym Gene Names	Nr1c3; PPAR-gamma
UniProt Entry Name	PPARG_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.