



# Recombinant Mouse Peroxisome proliferator-activated receptor gamma (Pparg)

<b>Product Code</b>	CSB-BP018424MO
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P37238
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGETLGDSPV DPEHGAFADA LPMSTSQEIT MVDTEMPFWP TNFGISSVDL SVMEDHSHSF DIKPFVVDF SSISAPHYED IPFTRADPMV ADYKYDLKLQ EYQSAIKVEP ASPYYSEKT QLYNRPHEEP SNSLMAIECR VCGDKASGFH YGVHACEGCK GFFRRTIRLK LIYDRCDLNC RIHKKSRNKC QYCRFQKCLA VGMSHNAIRF GRMPQAEKEK LLAEISSDID QLNPEADLR ALAKHLYDSY IKSFPLTKAK ARAILTGKTT DKSPFVIYDM NSLMMGEDKI KFKHITPLQE QSKEVAIRIF QGCQFRSVEA VQEITEYAKN IPGFINDLN DQVTLKYG HEIYTMLAS LMNKDGVVIS EGQGFMTREF LKNLRKPFQD FMEPKFEFAV KFNALELDDS DLAIPIAVII LSGDRPGLLN VKPIEDIQDN LLQALELQLK LNHPSSQLF AKVLQKMTDL RQIVTEHVQL LHVIKKTETD MSLHPLLQEI YKDLY
<b>Source</b>	Baculovirus
<b>Target Names</b>	Pparg
<b>Protein Names</b>	Recommended name: Peroxisome proliferator-activated receptor gamma Short name= PPAR-gamma Alternative name(s): Nuclear receptor subfamily 1 group C member 3
<b>Expression Region</b>	1-505
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. This protein is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the



contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.