



Recombinant Mouse Peroxisome proliferator-activated receptor gamma (Pparg)

Product Code	CSB-EP018424MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P37238
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MGETLGDSPV DPEHGAFADA LPMSTSQEIT MVDTEMPFWP TNFGISSVDL SVMEDHSHSF DIKPFTTVDF 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 DQVTLKYGV HEIITMLAS LMNKDGV LIS EGQGFMTREF LKNLRKPF GD FMEPKFEFAV KFNALELDDS DLAI FIAVII LSGDRPGLLN VKPIEDIQDN LLQALELQLK LNHPESQLF AKVLQKMTDL RQIVTEHVQL LHVIKKTETD MSLHPLLQEI YKDLY
Source	E.coli
Target Names	Pparg
Protein Names	Recommended name: Peroxisome proliferator-activated receptor gamma Short name= PPAR-gamma Alternative name(s): Nuclear receptor subfamily 1 group C member 3
Expression Region	1-505
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.

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.