Recombinant Mouse Peroxisome proliferator-activated receptor delta (Ppard)

Product Code	CSB-EP018423MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35396
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MEQPQEETPE AREEEKEEVA MGDGAPELNG GPEHTLPSSS CADLSQNSSP SSLLDQLQMG CDGASGGSLN MECRVCGDKA SGFHYGVHAC EGCKGFFRRT IRMKLEYEKC DRICKIQKKN RNKCQYCRFQ KCLALGMSHN AIRFGRMPEA EKRKLVAGLT ASEGCQHNPQ LADLKAFSKH IYNAYLKNFN MTKKKARSIL TGKSSHNAPF VIHDIETLWQ AEKGLVWKQL VNGLPPYNEI SVHVFYRCQS TTVETVRELT EFAKNIPNFS SLFLNDQVTL LKYGVHEAIF AMLASIVNKD GLLVANGSGF VTHEFLRSLR KPFSDIIEPK FEFAVKFNAL ELDDSDLALF IAAIILCGDR PGLMNVPQVE AIQDTILRAL EFHLQVNHPD SQYLFPKLLQ KMADLRQLVT EHAQMMQWLK KTESETLLHP LLQEIYKDMY
Source	E.coli
Target Names	Ppard
Protein Names	Recommended name: Peroxisome proliferator-activated receptor delta Short name= PPAR-delta Alternative name(s): Nuclear hormone receptor 1 Short name= NUC1 Nuclear receptor subfamily 1 group C member 2 Peroxisome proliferator-
Expression Region	1-440
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) family. PPARs are nuclear hormone receptors that bind peroxisome proliferators and control the size and number of peroxisomes produced by cells. PPARs mediate a variety of biological processes, and may be involved in the development of several chronic diseases, including diabetes, obesity, atherosclerosis, and cancer. This protein is a potent inhibitor of ligand-induced transcription activity of PPAR alpha and PPAR gamma. It may function as an integrator of transcription repression and nuclear receptor signaling. The expression of this gene is found to be elevated in colorectal cancer cells. The elevated expression can be repressed by adenomatosis polyposis coli (APC), a tumor suppressor protein related to APC/beta-catenin signaling pathway. Knockout studies in mice suggested the role of this protein in myelination of the

	corpus callosum, lipid metabolism, and epidermal cell proliferation.
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.