Recombinant Mouse Cyclin-G2 (Ccng2)

Product Code	CSB-BP004821MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08918
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MKDLGAKHLA GGEGVQLFGL LNFYLEQEQR YQPREKGLIL MEATPENDNT LCSRLRNAKV EDLRSLTNFF GSGTETFVLA VNILDRFLAL MKVKPKHLSC IGVCCFLLAA RLAEEEGDVP PTHDVIRISQ CKCTASDIKR MEKIISEKLH YELEATTALN FLHLYHAIVF CHTSERKEIL SLDKLEAQLK ACNCRVVFSK ARPSVLALCL LNLEIETIKS VELLEILLLV KKHLKLSDTE FFYWRELVSK CLAEYSSPRC CKPDLKKLVW IVSRRTAQNL HSSYYSVPEL PTIPEGGCFD GSESEDSGED MSCGEESLSS SPPSDQECTF FFDFQVAQTL CFPP
Source	Baculovirus
Target Names	Ccng2
Protein Names	Recommended name: Cyclin-G2
Expression Region	1-344
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	The eukaryotic cell cycle is governed by cyclin-dependent protein kinases (CDKs) whose activities are regulated by cyclins and CDK inhibitors. The 8 species of cyclins reported in mammals, cyclins A through H, share a conserved amino acid sequence of about 90 residues called the cyclin box. The amino acid sequence of cyclin G is well conserved among mammals. The nucleotide sequence of cyclin G1 and cyclin G2 are 53% identical. Unlike cyclin G1, cyclin G2 contains a C-terminal PEST protein destabilization motif, suggesting that cyclin G2 expression is tightly regulated through the cell cycle.
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.