



Recombinant Mouse Cyclin-dependent kinase inhibitor 1C (Cdkn1c)

Product Code	CSB-EP005088MO-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49919
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MGMSDVYLRS RTAMERLASS DTFPVIARSS ACRLSFGPVD HEELGRELRM RLAELNAEDQ NRWDFNFQQD VPLRGPGRQLQ WMEVDSESV AFYRETVQVG RCRLQLGPRP PPVAVAVIPR SGPPAGEAPD GLEEAPEQPP SAPASAVVAE PTPPATPAPA SDLTSDPIPE VTLVATSDPT PDPIPDANPD VATRDGEEQV PEQVSEQGEE SGAEPGDELG TEPVSEQGEE QGAEPVEEKD EEPEEEQGAE PVEEQGAEPV EEQNGEPVEE QDENQEQRGQ ELKDQPLSGI PGRPAPGTAA ANANDFFAKR KRTAQENKAS NDVPPGCPSP NVAPGVGAVE QTPRKRLR
Source	E.coli
Target Names	Cdkn1c
Protein Names	Recommended name: Cyclin-dependent kinase inhibitor 1C Alternative name(s): Cyclin-dependent kinase inhibitor p57 p57Kip2
Expression Region	1-348
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 protein is a tight-binding, strong inhibitor of several G1 cyclin/Cdk complexes and a negative regulator of cell proliferation. Mutations in this gene are implicated in sporadic cancers and Beckwith-Wiedemann syndrome, suggesting that this gene is a tumor suppressor candidate. Three transcript variants encoding two different isoforms have been found for this gene.
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.