



Recombinant Human Cyclin-dependent kinase 10 (CDK10)

Product Code	CSB-EP005060HU-B
Abbreviation	CDK10
Storage	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.
Uniprot No.	Q15131
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAEPDLECEQ IRLKCIRKEG FFTVPPEHRL GRCRSVKEFE KLNRI GEGTY GIVYRARDTQ TDEIVALKKV RMDKEKDGIP ISSLREITLL LRLRHPNIVE LKEVVVGNHL ESIFLVMGYC EQDLASLLEN MPTPFSEAQV KCIVLQVLRG LQYLHRNFII HRDLKVSNLL MTDKGCVKTA DFGLARAYGV PVKPMTPKVV TLWYRAPELL LGTTTQTTSI DMWAVGCILA ELLAHRPLLP GTSEIHQIDL IVQLLGTPSE NIWPGFSKLP LVGQYSLRKQ PYNLKHKFP WLSEAGLRLL HFLFMYDPKK RATAGDCLES SYFKEKPLPC EPELMPTFPH HRNKRAAPAT SEGQSKRCKP
Source	E.coli
Target Names	CDK10
Protein Names	Recommended name: Cyclin-dependent kinase 10 EC= 2.7.11.22 Alternative name(s): Cell division protein kinase 10 Serine/threonine-protein kinase PISLRE
Expression Region	1-360
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 belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited to cell cycle G2-M phase. Multiple transcript variants encoding 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.

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