



# Recombinant Human Cyclin-dependent kinase 10 (CDK10)

<b>Product Code</b>	CSB-EP005060HU-B
<b>Abbreviation</b>	CDK10
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q15131
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAEPDLECEQ IRLKCIRKEG FFTVPPEHRL GRCRSVKEFE KLNRRIGEGTY GIVYRARDTQ TDEIVALKKV RMDKEKDGIP ISSLREITLL LRLRHPNIVE LKEVVVGNHL ESIFLVMGYC EQDLASLLEN MPTPFSEAQV KCVLQVLRG LQYLHRNFII HRDLKVSNLL MTDKGCVKTA DFGLARAYGV PVKPMTPKVV TLWYRAPELL LGTTTQTTSI DMWAVGCILA ELLAHRPLLP GTSEIHQIDL IVQLLGTPSE NIWPGFSKLP LVGQYSLRKQ PYNNLKHKFP WLSEAGLRLL HFLFMYDPKK RATAGDCLES SYFKEKPLPC EPELMPTFPH HRNKRAAPAT SEGQSKRCKP
<b>Source</b>	E.coli
<b>Target Names</b>	CDK10
<b>Protein Names</b>	Recommended name: Cyclin-dependent kinase 10 EC= 2.7.11.22 Alternative name(s): Cell division protein kinase 10 Serine/threonine-protein kinase PISSLRE
<b>Expression Region</b>	1-360
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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.

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