

Product datasheet for TP322310M

CDK10 (NM_052988) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cyclin-dependent kinase 10 (CDK10), transcript variant a, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222310 representing NM_052988 Red=Cloning site Green=Tags(s)

MAEPDLECEQIRLKCIRKEGFFTPPEHRLGRCRSVKEFEKLNRIEGEGTYGIVYRARDTQTDEIVALKKV
RMDKEKDGIPISLREITLLLRLRHPNIVELKEVVVGNHLESIFLVMGYCEQDLASLLENMPTPFSEAQV
KCIVLQVLRGLQYLHRNFIIHRDLKVSNLLMTDKGCVKTADFLARAYGVPVKPMPKVVTLWYRAPELL
LGTQTTSIDMWAVGCILAELLAHRPLPGTSEIHQIDLIVQLLGTPTSENIWPGFSKLPVVGQYSLRKQ
PYNLKHKFPWLSEAGLRLHFLFMYDPKRRATAGDCLESSYFKEKPLPCEPELMPTFPHHRNKRAAPAT
SEGQSKRCKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_443714</u>



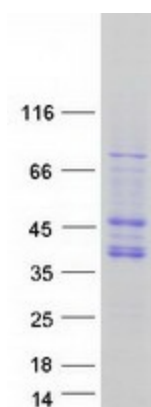
[View online »](#)

Locus ID: 8558
UniProt ID: [Q15131](#), [B7Z537](#)
RefSeq Size: 1803
Cytogenetics: 16q24.3
RefSeq ORF: 1080
Synonyms: ALSAS; PISSLRE

Summary: The protein encoded by this gene belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of *S. cerevisiae* *cdc28*, and *S. pombe* *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. [provided by RefSeq, May 2009]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified CDK10 protein (Cat# [TP322310]). The protein was produced from HEK293T cells transfected with CDK10 cDNA clone (Cat# [RC222310]) using MegaTran 2.0 (Cat# [TT210002]).