

Product datasheet for **TP525890**

Cdk6 (NM_009873) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cyclin-dependent kinase 6 (Cdk6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225890 representing NM_009873 Red =Cloning site Green =Tags(s)
	MEKDSLRSRADQYECVAEIGEGAYGKVKFKARDLKNNGGRFVALKRVRVQTSEEGMPLSTIREVAVLRHLET FEHPNVVRLFDVCTVSRTDRETKLTLVFEHVDQDLTTYLDKVPPEPGVPTETIKDMMFQLLRGLDFLHSHR VHRDLKPQNILVTSSGQIKLADFLARIYSFQMALTSVVVTLWYRAPEVLLQSSYATPVDLWSVGCIFA EMFRRKPLFRGSSDQDLGKILDIIGLPGEEDWPRDVALPRQAFHKSQAQPIEFVTDIDELGKDLLLKC LTFNPAKRISAYGALNHPYFQDLERYKDNLNSHLPSNQSTSELNTA
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	37.5 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
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 after receiving vials.
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:	NP_034003
Locus ID:	12571
UniProt ID:	Q64261 , Q0VBK8



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RefSeq Size: 2470

Cytogenetics: 5 2.04 cM

RefSeq ORF: 978

Synonyms: AI504062; Crk; Crk2

Summary: This gene encodes a member of the cyclin dependent kinase family of proteins that play important roles in the progression and regulation of the cell cycle. The encoded protein binds to a D-type cyclin to form an active kinase complex to regulate progression through the G1 phase of the cell cycle. Mice lacking the encoded protein exhibit thymic and splenic hypoplasia, and hematopoietic defects such as reduced number of megakaryocytes and erythrocytes. A pseudogene of this gene has been defined on chromosome 4. [provided by RefSeq, Aug 2015]