

Product datasheet for **TP500793**

Cenpa (NM_007681) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse centromere protein A (Cenpa), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200793 protein sequence Red =Cloning site Green =Tags(s)
	MGPRRKPTPRRRPSSPAPGPSRQSSSVGSQTLRRRQKFMWLKEIKTLQKSTDLLFRKKPFSMVVREICE KFSRGVDFWWQAQALLALQEAAEAFLIHLFEDAYLLSLHAGRVTLFPKDIQLTRRIRGFEGGLP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	15.5 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_031707
Locus ID:	12615
UniProt ID:	Q35216
RefSeq Size:	1364
Cytogenetics:	5 16.76 cM
RefSeq ORF:	405



[View online »](#)

Synonyms: Cen; Cenp-A

Summary: Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. This gene encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. Centromere protein A is proposed to be a component of a modified nucleosome or nucleosome-like structure in which it replaces 1 or both copies of conventional histone H3 in the (H3-H4)₂ tetrameric core of the nucleosome particle. The protein is a replication-independent histone that is a member of the histone H3 family. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Nov 2015]