

Product datasheet for **TP503704**

Ctdspl (NM_133710) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CTD (carboxy-terminal domain, RNA polymerase II, polypeptide A) small phosphatase-like (Ctdspl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203704 protein sequence Red =Cloning site Green =Tags(s)
	<p>MDGPAIITQVTNPKEDEARSPVAGEKASQRNISLKKQRGRSILSSFFCCFRDYNVEAPPANSPSVLPPLV EENGGLQKGDQRQVIPVSPPAKYLLPEVTVLVDYGKKCVIDLDELTVHSSFKPISNADFIVPVEIDGTI HQVYVLKRPHVDEFLQRMGQLFECVLFTASLAKYADPVADLLDRWGVFRARLFRESCVFHRGNYVKDLSR LGRELSKVIIVDNSPASYIFHPENAVPVQSWFDDMTDELTDLIPFFEGLSREDDVYSMLHRLCSR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	31.2 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_598471
Locus ID:	69274
UniProt ID:	P58465



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RefSeq Size: 4627

Cytogenetics: 9 F3

RefSeq ORF: 831

Synonyms: 2810418J22Rik; AI426263; HYA22; SCP3

Summary: Preferentially catalyzes the dephosphorylation of 'Ser-5' within the tandem 7 residue repeats in the C-terminal domain (CTD) of the largest RNA polymerase II subunit POLR2A. Negatively regulates RNA polymerase II transcription, possibly by controlling the transition from initiation/capping to processive transcript elongation. Recruited by REST to neuronal genes that contain RE-1 elements, leading to neuronal gene silencing in non-neuronal cells (By similarity).[UniProtKB/Swiss-Prot Function]