

Product datasheet for **TP521068**

Capn7 (NM_009796) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calpain 7 (Capn7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR221068 representing NM_009796 Red =Cloning site Green =Tags(s)

MDASALERDAVQFARLAVQRDHEGRYSEAVFYKAAQALIYAEMAGSSLERIQEKINEYLERVQALHSA
VQSKSTDPLKSKHQDLERAHFLVTQAFDEDEKGNVEDAIELYTEAVELCLKTSSETADKTLQNKQLA
RQALDRAEALSEPLTKPFCKLKSANMKTTPVVRTHFPLGPNPFVEKPQAFISPSQSCDAQGQKYTAAEIE
VLRTTSKINGVEYVPFMSVDLRRERFAYMPFCDRLGKPLSPKQKTTFSKWVRPEDLTNNPTMIYTVSSF
SIKQTI VSDCSFVASLAISAAYERRFNKLLITSIYYPQNKDGEPEYNPCGKYMVKLHLNGVPRKVIIDDQ
LPVDHKGELLCSYSNNKSELWVSLIEKAYMKVMGGYDFPGSNSNIDLHALTGWIPERIAMHSDSQTFSKD
NSFRMLYQRFHKGDVLITASTGVMTEAEGEKWGLVPTHAYAVLDIREFKGLRFIQLKNPWSHLRWKGRYS
ENDVKNWTPPELQKYLNFDPRTAQKIDNGIFWISWDDLCQYYDWWYLSWNPALFKESTCIHSTWDAKQGPV
KDAYSLANNPQYKLEVQCPQGGAAVWLLSRHITDKDDFANNREFITMWWYKTDGKKVYYPADPPPYIDG
IRINSPHYLTIKLTTPGTHTFTLVVSQYEQNTIHYTVRVYSACSFTFSKIPSPYTLKSRINGKWSGQS
AGGCGNFQETHKNNPIYQFHIDKTGPLLIELRGPRQYSVGFVAVSIMGDPGPHGFQRKSSGDYRCGFC
YLELENIPAGIFNIIPSTFLPKQEGPFFLDFNSTVPIKTTQLQ

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	92.6 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.



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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_033926</u>
Locus ID:	12339
UniProt ID:	<u>Q9R1S8</u>
RefSeq Size:	3562
Cytogenetics:	14 B
RefSeq ORF:	2439
Synonyms:	AU022319; PalBH
Summary:	Calcium-regulated non-lysosomal thiol-protease.[UniProtKB/Swiss-Prot Function]