

Product datasheet for TP509702

Capn6 (NM_007603) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calpain 6 (Capn6), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209702 representing NM_007603 Red =Cloning site Green =Tags(s)
	<p>MGPPLKLFKNQKYQELKQECMKDGRFCDPFLPENSLFFNRLLP GKVWVKRPQDISDDPHLIVGNISN HQLIQGRLGNKAMISAFSCLAVQESHWTKAIPNHKDKQEWDPKPEKYAGIFHFRFWHFGEWTEVIDDLL PTINGDLVFSFSTSMNEFWNALLEKAYAKLLGCYEALDGLTITDIIMDFGTGLAEIIMQKGRYTDLVEE KYKLFGELYKFTKGLICCSIESPSQEEQEVETDWGLLKGTYTMTDIRKLRLGERLVEVFSTEKLYMV RLRNPLGRQEWSGPWSEISEEWQQLTVTDRKNLGLVMSDDGEFWM SLEDFCHNFHKLNVCRNVNPNVFGFR KELESVGCWTVDDDPLMNRSGGCYNNRDTFLQNPQYIFTVPEDGHKVMISLQKDKLRTYRRMGRPDNYI IGFELFKVEMNRRFRLHHLIYIQRAGTSTYIDTRTVFLSKYLKKGSYVLVPTMFQHGRTSEFLRIFSEV PVQLRELTLDMPKMSCWNLARGYPKVVQTITVHSAEGLEKKYANETVNPYLIKCGKEEVRSPVQKNTVH AIFDTQAIFYRRTTDIPIIIQVWNSRKFCQFLGQVTLADPSPDCRDLKSLYLKKGKGGPTAKVKQGHISF KVISSDDLTEL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	75 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.



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RefSeq: [NP_031629](#)

Locus ID: 12338

UniProt ID: [Q35646](#), [Q80VZ1](#)

RefSeq Size: 3579

Cytogenetics: X F2

RefSeq ORF: 1923

Summary: Microtubule-stabilizing protein that may be involved in the regulation of microtubule dynamics and cytoskeletal organization. May act as a regulator of RAC1 activity through interaction with ARHGEF2 to control lamellipodial formation and cell mobility. Does not seem to have protease activity as it has lost the active site residues.[UniProtKB/Swiss-Prot Function]