

## Product datasheet for TP504286

### Cnn2 (NM\_007725) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse calponin 2 (Cnn2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204286 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRSWIEGLTGLSIGPDFQKGLKDGIVILCTLMNKLQPG SVPKINRSMQNWHLLENLSNFIKAMVSYGMNPVDLFEANDLFESGNMTQVQVSLALAGKAKTKGLQSGV DIGVKYSEKQERNFDDATMKAGQCVIGLQMGTNKCASQSGMTAYGTRRHLYDPKNHILPPMDHCTISLQM GTNKCASQVGMTAPGTRRHIYDTKLGTDKCDNSSMSLQMGYTQGANQSGQVFGLGRQIYDPKYCPQGSAA DGAPAGDGGQGEAPEYLAYCQEEAGY
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	33.2 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:	<a href="#">NP_031751</a>
Locus ID:	12798
UniProt ID:	<a href="#">Q08093</a> , <a href="#">Q543F3</a>



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RefSeq Size: 1800

Cytogenetics: 10 C1

RefSeq ORF: 918

Synonyms: AA408047; AI324678; Calpo2

**Summary:** Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.  
[UniProtKB/Swiss-Prot Function]