

## Product datasheet for **TP503894**

### Capza2 (NM\_007604) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse capping protein (actin filament) muscle Z-line, alpha 2 (Capza2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203894 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MADLEEQLSDEEKVRIIAKFIIHAPPGEFNEVFNDVRLLLNNDNLLREGAAHAFAQYNLDQFTPVKIEGY EDQVLITEHGDLGNGKFLDPKNRICFKFDHLRKEATDPRPYEAENAIESWRTSVETALRAYVKEHYPNGV CTVYGKKVDGQQTIIACIESHQFQAKNFWNGRWRSEWKFTVTPSTTQVVGILKIQVHYEDGNVQLVSHK DIQDSLTVSNEVQTAKEFIKIVEAAENEYQTAISENYQTMSDITTFKALRRQLPVTRTKIDWNKILSYKIG KEMQNA
	<b>TR</b> TRPLE <b>QKLISEEDLA</b> ANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33 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:	<u><a href="#">NP_031630</a></u>
Locus ID:	12343
UniProt ID:	<u><a href="#">P47754</a></u>



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RefSeq Size:	2015
Cytogenetics:	6 7.96 cM
RefSeq ORF:	858
Synonyms:	1110053K06Rik; AW208808; Cappa2
Summary:	F-actin-capping proteins bind in a Ca(2+)-independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments.[UniProtKB/Swiss-Prot Function]