

## Recombinant Mouse Capza1 Protein, MYC/DDK-tagged

Cat. No. Capza1-762M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse capping protein (actin filament) muscle Z-line, alpha 1 (Capza1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	32.9 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Capza1 capping protein (actin filament) muscle Z-line, alpha 1 [ Mus musculus (house mouse) ]

**Official Symbol** Capza1

**Synonyms** Capza1; capping protein (actin filament) muscle Z-line, alpha 1; CAPZ; CAZ1; Cappa1; capZ alpha-1; F-actin-capping protein subunit alpha-1; F-actin capping protein alpha-1 subunit; capping protein alpha 1

**Gene ID** 12340

**mRNA Refseq** NM\_009797

**Protein Refseq** NP\_033927

**UniProt ID** Q5RKN9

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