

Recombinant Mouse Capza1 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	32.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	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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