

Recombinant Mouse Capza2 Protein, MYC/DDK-tagged

Cat. No. Capza2-763M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse capping protein (actin filament) muscle Z-line, alpha 2 (Capza2), 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	33 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	Capza2 capping protein (actin filament) muscle Z-line, alpha 2 [Mus musculus (house mouse)]
Official Symbol	Capza2
Synonyms	Capza2; capping protein (actin filament) muscle Z-line, alpha 2; Cappa2; AW208808; 1110053K06Rik; F-actin-capping protein subunit alpha-2; capZ alpha-2; capping protein alpha 2
Gene ID	12343
mRNA Refseq	NM_007604
Protein Refseq	NP_031630
UniProt ID	P47754

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