

Recombinant Mouse Cnn3 Protein, Myc/DDK-tagged

Cat. No. Cnn3-2219M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length calponin 3, acidic (Cnn3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.
Molecular Mass	36.4 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	Cnn3 calponin 3, acidic [Mus musculus (house mouse)]
Official Symbol	Cnn3
Synonyms	CNN3; calponin 3, acidic; calponin-3; calponin, acidic isoform; C85854; Calpo3; 1600014M03Rik
Gene ID	71994
mRNA Refseq	NM_028044
Protein Refseq	NP_082320
UniProt ID	Q9DAW9

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