

Recombinant Mouse Cnn1 Protein, MYC/DDK-tagged

Cat. No. Cnn1-910M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse calponin 1 (Cnn1), with C-terminal MYC/DDK tag, was 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, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.
Molecular Mass	33.4 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 g/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	Cnn1 calponin 1 [Mus musculus (house mouse)]
Official Symbol	Cnn1
Synonyms	Cnn1; calponin 1; CN; Cnnl; calponin-1; basic calponin; calponin H1, smooth muscle
Gene ID	12797
mRNA Refseq	NM_009922
Protein Refseq	NP_034052
UniProt ID	Q08091

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