

Recombinant Mouse Cnn2 Protein, MYC/DDK-tagged

Cat. No. Cnn2-911M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse calponin 2 (Cnn2), 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	33.2 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Cnn2 calponin 2 [Mus musculus (house mouse)]
Official Symbol	Cnn2
Synonyms	Cnn2; calponin 2; Calpo2; AA408047; AI324678; calponin-2; calponin H2, smooth muscle; h2-calponin; neutral calponin
Gene ID	12798
mRNA Refseq	NM_007725
Protein Refseq	NP_031751
UniProt ID	Q08093

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