

## Recombinant Full Length Human CNN1 Protein

Cat. No. CNN1-89HF Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Calponin with N terminal proprietary tag; Predicted MWt 58.41 kDa, inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	297 amino acids
<b>Description</b>	Predicted to enable actin binding activity. Involved in negative regulation of vascular associated smooth muscle cell proliferation. Located in cytoskeleton.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	58.410kDa inclusive of tags
<b>AA Sequence</b>	MSSAHFNRRGPAYGLSAEVKNKLAQKYDHRQREQLREWIEG VTGRRIGNNFMDGLK DGII LCEFIN KLQPGSVK KINES TQNWHQLENIGNFIKAITKYGVKPHDIFEANDLFEN TNHT QVQSTLLALASMAKTKGNKVN VGVKYAEKQERKFEPGK LREGRNIIGLQMG TNKFASQQGMTAYGTRRHLYDPKLGTD QPLDQATISLQMGTNKGASQAGMTAPGT KRQIFEPGLG MEHC DTLNVSLQMGSNKGASQRGMTVYGLPRQVYDPKYCL TPEY PELGEPAHNHHAHNYNSA
<b>Purity</b>	Proprietary Purification

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**Storage** Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

**Storage Buffer** pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

## GENE INFORMATION

**Gene Name** CNN1 calponin 1, basic, smooth muscle [ Homo sapiens ]

**Official Symbol** CNN1

**Synonyms** CNN1; calponin 1, basic, smooth muscle; calponin-1; Sm Calp; SMCC

**Gene ID** 1264

**mRNA Refseq** NM\_001299

**Protein Refseq** NP\_001290

**MIM** 600806

**UniProt ID** P51911

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