

Recombinant Full Length Human CNN1 Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human Calponin with N terminal proprietary tag; Predicted MWt 58.41 kDa, inclusive of tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	297 amino acids
Description	Predicted to enable actin binding activity. Involved in negative regulation of vascular associated smooth muscle cell proliferation. Located in cytoskeleton.
Form	Liquid
Molecular Mass	58.410kDa inclusive of tags
AA Sequence	MSSAHFNRGPAYGLSAEVKNKLAQKYDQHREQELREWIEG VTGRRIGNNFMDGLK DGIILCEFINKLQPGSVKKINES TQNVHQLNIGNFIKAITKYGVKPHDIFEANDLFEN TNHT QVQSTLLALASMAKTKGNKVNVGKYAEKQERKFEPGK LREGNIIGLQMG TNKFASQQGMTAYGTRRHLYDPKLGTD QPLDQATISLQMGTKNGASQAGMTAPGT KRQIFEPGLG MEHCDTLNVSLQMGSNKGASQRGMTVYGLPRQVYDPKYCL TPEY PELGEPAHNHHAHNYNSA
Purity	Proprietary Purification

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
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Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.
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GENE INFORMATION

Gene Name	CNN1 calponin 1, basic, smooth muscle [Homo sapiens]
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Official Symbol	CNN1
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Synonyms	CNN1; calponin 1, basic, smooth muscle; calponin-1; Sm Calp; SMCC
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Gene ID	1264
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mRNA Refseq	NM_001299
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Protein Refseq	NP_001290
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MIM	600806
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UniProt ID	P51911
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