

Recombinant Human CNN1

Cat. No. CNN1-27211TH **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	Wheat Germ
ProteinLength	297 amino acids
Molecular Weight	58.410kDa inclusive of tags
Tissue specificity	Smooth muscle, and tissues containing significant amounts of smooth muscle.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MSSAHFNRGPAYGLSAEVKNKLAQKYDQHREQELREWIEG VTGRRIGNNFMDGLK DGIILCEFINKLQPGSVKKINES TQNWHQLENIGNFIKAITKYGVKPHDIFEANDLFEN TNHT QVQSTLLALASMAKTKGNKVNVGKYYAEKQERKFEPGK LREGRNIIGLQMG

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TNKFASQQGMTAYGTRRHLYDPKLGTD QPLDQATISLQMGTNKGASQAGMTAPGT
 KRQIFEPGLG MEHCDTLNVSLQMGSNKGASQRGMTVYGLPRQVYDPKYCL TPEY
 PELGEPAHNHHAHNYYNSA

Sequence Belongs to the calponin family.Contains 3 calponin-like repeats.Contains 1 CH
Similarities (calponin-homology) domain.

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

Chromosome Location 19p13.2-p13.1

Pathway Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;

Function actin binding; calmodulin binding;

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