

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: 8.00Constituents: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	MSSAHFNRGPAYGLSAEVKNKLAQKYDHHQREQLREWIEG VTGRRIGNNFMDGLK DGIILCEFINKLQPGSVKKINES TQNWHQLENIGNFIKAITKYGVKPHDIFEANDLFEN TNHT QVQSTLLALASMAKTKGNKVNVGKYYAEKQERKFEPGK LREGRNIIGLQMG

 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

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;

 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