Recombinant Human CNN3

Cat. No. CNN3-26294TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Acidic Calponin with N terminal proprietary tag. Predicted MW 62.26 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	329 amino acids
Description	This gene encodes a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction.
Molecular Weight	62.260kDa inclusive of tags
Tissue specificity	Expressed in both non-smooth muscle tissues as well as smooth muscle tissues.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

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	cycles.
Sequences of amino acids	MTHFNKGPSYGLSAEVKNKIASKYDHQAEEDLRNWIEEVT GMSIGPNFQLGLKDGII LCELINKLQPGSVKKVNESSLNW PQLENIGNFIKAIQAYGMKPHDIFEANDLFENGN MTQVQT TLVALAGLAKTKGFHTTIDIGVKYAEKQTRRFDEGKLKAG QSVIGLQMGT NKCASQAGMTAYGTRRHLYDPKMQTDKPFD QTTISLQMGTNKGASQAGMLAPGT RRDIYDQKLTLQPVDN STISLQMGTNKVASQKGMSVYGLGRQVYDPKYCAAPTEP V IHNGSQGTGTNGSEISDSDYQAEYPDEYHGEYQDDYPRDY QYSDQGIDY
Sequence Similarities	Belongs to the calponin family.Contains 3 calponin-like repeats.Contains 1 CH (calponin-homology) domain.

GENE INFORMATION

Gene Name	CNN3 calponin 3, acidic [Homo sapiens]
Official Symbol	CNN3
Synonyms	CNN3; calponin 3, acidic; calponin-3;
Gene ID	1266
mRNA Refseq	NM_001839
Protein Refseq	NP_001830
MIM	602374
Uniprot ID	Q15417
Chromosome	1p22-p21

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Location	
Function	actin binding; actin binding; calmodulin binding; tropomyosin binding; troponin C binding;

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