

## Recombinant Human CNN3

**Cat. No.** CNN3-26293TH **Lot. No.** (See product label)

### SPECIFICATION

|                           |                                                                                                                                                                                                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>   | Recombinant fragment of Human Acidic Calponin with N terminal proprietary tag.<br>Predicted MW 36.63 kDa.                                                                                                                                                                                                                     |
| <b>Species</b>            | Human                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>             | Wheat Germ                                                                                                                                                                                                                                                                                                                    |
| <b>ProteinLength</b>      | 100 amino acids                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>        | 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. |
| <b>Molecular Weight</b>   | 36.630kDa inclusive of tags                                                                                                                                                                                                                                                                                                   |
| <b>Tissue specificity</b> | Expressed in both non-smooth muscle tissues as well as smooth muscle tissues.                                                                                                                                                                                                                                                 |
| <b>Form</b>               | Liquid                                                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>             | Proprietary Purification                                                                                                                                                                                                                                                                                                      |
| <b>Storage buffer</b>     | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                                                                                                                                                         |
| <b>Storage</b>            | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw                                                                                                                                                                                                                                             |

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cycles.

**Sequences of amino acids** DQKLTLPVDNSTISLQMGTNKNVASQKGMSVYGLGRQVYDPKYCAAPTEPVIHNGS  
QGTGTNGSEISDSYQAEYPDEYHGEYQDDYPRDYQYSDQGIDY

**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 Location** 1p22-p21

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

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