

# Recombinant Full Length Human CNN3 Protein, C-Flag-tagged

**Cat. No.** CNN3-680HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human CNN3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                  |
| <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>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>   | 36.2 kDa                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MTHFNKGPSYGLSAEVKNKIASKYDHQAEEDLRNWIEEVTGMSIGPNFQLGLKDGIL<br>CELINKLQPGSV KKVNESSLNWPQLENIGNFIKAIQAYGMKPHDIFEANDLFENGNM<br>TQVQTTLVALAGLAKTKGFHTTIDI GVKYAEKQTRRFDEGKLKAGQSVIGLQMGTNK<br>CASQAGMTAYGTRRHLYDPKMQTDKPFQTTISLQMGNT NKGASQAGMLAPGTRR<br>DIYDQKLTLPVDNSTISLQMGNTNKVASQKGMVYGLGRQVYDPKYCAAPTEPV<br>IHNGSQGTGTNGSEISDSYQAEYPDEYHGEYQDDYPRDYQYSDQGIDYTRTRPLE<br>QKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                                                                                                                                                                                                                                                                     |

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|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

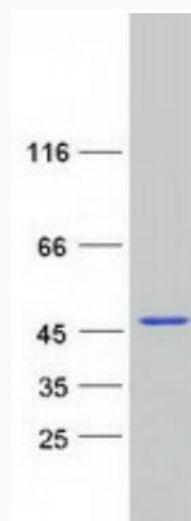
## GENE INFORMATION

|                        |                                                                                    |
|------------------------|------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CNN3 calponin 3 [ Homo sapiens (human) ]                                           |
| <b>Official Symbol</b> | CNN3                                                                               |
| <b>Synonyms</b>        | calponin, acidic; calponin 3; calponin 3, acidic; dJ639P13.2.2 (acidic calponin 3) |
| <b>Gene ID</b>         | 1266                                                                               |
| <b>mRNA Refseq</b>     | NM_001839.5                                                                        |
| <b>Protein Refseq</b>  | NP_001830.1                                                                        |
| <b>MIM</b>             | 602374                                                                             |
| <b>UniProt ID</b>      | Q15417                                                                             |

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Coomassie blue staining of purified CNN3 protein.

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