

Recombinant Full Length Human CNN2 Protein, C-Flag-tagged

Cat. No. CNN2-912HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CNN2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene, which can bind actin, calmodulin, troponin C, and tropomyosin, may function in the structural organization of actin filaments. The encoded protein could play a role in smooth muscle contraction and cell adhesion. Several pseudogenes of this gene have been identified, and are present on chromosomes 1, 2, 3, 6, 9, 11, 13, 15, 16, 21 and 22. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	33.5 kDa
AA Sequence	MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRTWIEGLTGLSIGPDFQKGLKD GTILCTLMNKLQPG SVPKINRSMQNWHQLENLSNFIKAMVSYGMNPVDLFEANDLF ESGNMTQVQVSLLAGAKATKGLQSGV DIGVKYSEKQERNFDDATMKAGQCVIG LQMGTNKCASQSGMTAYGTRRHLYDPKNHILPPMDHSTISLQM GTNKCASQVGMT APGTRRHIYDTKLGTDKCDNSSMSLQMGYTQGANQSGQVFGLGRQIYDPKYCPQG TVA DGAPSGTGDCPDGPEVPEYPPYYQEEAGYTRTRPLEQKLISEEDLAANDILDYKDD

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

GENE INFORMATION

Gene Name	CNN2 calponin 2 [Homo sapiens (human)]
Official Symbol	CNN2
Synonyms	calponin 2; calponin H2, smooth muscle; neutral calponin
Gene ID	1265
mRNA Refseq	NM_004368.4
Protein Refseq	NP_004359.1
MIM	602373

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UniProt ID

Q99439



Coomassie blue staining of purified CNN2 protein.

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