Recombinant Full Length Human CNN2 Protein, GST-tagged

Cat. No. CNN2-1929HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CNN2 full-length ORF (1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	309 amino acids
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. [provided by RefSeq, Jan 2015]
Molecular Mass	60.1 kDa
AA Sequence	MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRTWIEGLTGLSIGPDFQKGLKD GTILCTLMNKLQPGSVPKINRSMQNWHQLENLSNFIKAMVSYGMNPVDLFEANDLF ESGNMTQVQVSLLALAGKAKTKGLQSGVDIGVKYSEKQERNFDDATMKAGQCVIGL QMGTNKCASQSGMTAYGTRRHLYDPKNHILPPMDHSTISLQMGTNKCASQVGMTA PGTRRHIYDTKLGTDKCDNSSMSLQMGYTQGANQSGQVFGLGRQIYDPKYCPQGT VADGAPSGTGDCPDPGEVPEYPPYYQEEAGY

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CNN2 calponin 2 [Homo sapiens]
Official Symbol	CNN2
Synonyms	CNN2; calponin 2; calponin-2; neutral calponin; calponin H2, smooth muscle
Gene ID	1265
mRNA Refseq	NM_004368
Protein Refseq	NP_004359
MIM	602373
UniProt ID	Q99439

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