

Recombinant Human CNN2 Protein, GST-tagged

Cat. No. CNN2-1567H 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	Wheat Germ
Description	<p>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.</p> <p>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]</p>
Molecular Mass	60.1 kDa
AA Sequence	<p>MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRTWIEGLTGLSIGPDFQKGLKD GTILCTLMNKLQPGSVPKINRSMQNWHQLENLSNFIKAMVSYGMNPVDLFEANDLF ESGNMTQVQVSLLAGKAKTKGLQSGVDIGVKYSEKQERNFDDATMKAGQCVIGL QMGTNKCASQSGMTAYGTRRHLYDPKNHILPPMDHSTISLQMGTNKCASQVGMTA PGTRRHIYDTKLGTDKCDNSSMSLQMGYTQGANQSGQVFGGLGRQIYDPKYCPQGT VADGAPSGTGDCPDPGEVPEYPPYYQEEAGY</p>
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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