

Full-Length

CNN2 (Human) Recombinant Protein (P01)

Catalog # H00001265-P01

Size 50 ug

Specification

Product Description	Human CNN2 full-length ORF (1 a.a. - 309 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSSTQFNKGPSYGLSAEVKNRLLSKYDPQKEAELRTWIEGLTGLSIGPDFQKGLKDGILCTLMNK LQPGSVPKINRSMQNWHLLENLSNFIKAMVSYGMNPVDLFEANDLFESGNMTQVQVSLLAGK AKTKGLQSGVDIGVKYSEKQERNFDDATMKAGQCVIGLQMGTNKCASQSGMTAYGTRRHLYDPK NHILPPMDHSTISLQMGTNKCASQVGMTAPGTRRHIYDTKLGTDKCDNSSMSLQMGYTQGANQS GQVFGGLGRQMDPKYCPQGTVADGAPSGTGDCPDGPGEVPEYPPYYQEEAGY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	60.1
Interspecies Antigen Sequence	Mouse (95); Rat (99)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — CNN2

Entrez GeneID [1265](#)

GeneBank Accession# [AK024835.1](#)

Gene Name CNN2

Gene Alias -

Gene Description calponin 2

Omim ID [602373](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations calponin H2, smooth muscle|neutral calponin