

Calponin-2 (CNN2) Recombinant Protein | CNN2 recombinant protein

Recombinant Human Calponin-2 (CNN2)

CATALOG # AAA116917	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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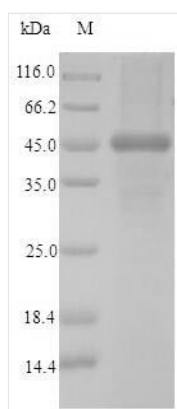
PRODUCT SYNONYMS

Calponin-2 (CNN2); Recombinant Human Calponin-2 (CNN2); Calponin-2; Calponin H2; smooth muscle; Neutral calponin; CNN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-309aa; Full-Length of the Mature Protein
Sequence	SSTQFNKGPS YGLSAEVKNR LLSKYDPQKE AELRTWIEGL TGLSIGPDFQ KGLKDGITLC TLMNKLQPGS VPKINRSMQN WHQLENLSNF IKAMVSYGMN PVDLFEANDL FESGNMTQVQ VSLALAGKA KTKGLQSGVD IGVKYSEKQE RNFDDATMKA GQCVIGLQMG TNKCASQSGM TAYGTRRHLY DPKNHILPPM DHSTISLQMG TNKCASQVGM TAPGTRRHIY DTKLGTDKCD NSSMSLQMGY TQGANQSGQV FGLGRQIYDP KYCPQGTVAD GAPSGTGDCP DPGEVPEYPP YYQEEAGY
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CNN2 recombinant protein	Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity.
Product Categories/Family for CNN2 recombinant protein	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758018
NCBI GeneID	1265
NCBI Accession #	NP_004359.1
NCBI GenBank Nucleotide #	NM_004368.2
UniProt Accession #	Q99439; Q92578; A5D8U8; A6NFI4; D6W5X9
Molecular Weight	49.6 kDa
NCBI Official Full Name	calponin-2 isoform a
NCBI Official Synonym Full Names	calponin 2
NCBI Official Symbol	CNN2
NCBI Protein Information	calponin-2; neutral calponin; calponin H2, smooth muscle
UniProt Protein Name	Calponin-2
UniProt Gene Name	CNN2
UniProt Entry Name	CNN2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cnn2-recombinant-protein-e-coli/116917>