Recombinant Human Calponin-2 (CNN2)

Product Code	CSB-EP860764HU-B
Abbreviation	CNN2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q99439
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	SSTQFNKGP SYGLSAEVKN RLLSKYDPQK EAELRTWIEG LTGLSIGPDF QKGLKDGTIL CTLMNKLQPG SVPKINRSMQ NWHQLENLSN FIKAMVSYGM NPVDLFEAND LFESGNMTQV QVSLLALAGK AKTKGLQSGV DIGVKYSEKQ ERNFDDATMK AGQCVIGLQM GTNKCASQSG MTAYGTRRHL YDPKNHILPP MDHSTISLQM GTNKCASQVG MTAPGTRRHI YDTKLGTDKC DNSSMSLQMG YTQGANQSGQ VFGLGRQIYD PKYCPQGTVA DGAPSGTGDC PDPGEVPEYP PYYQEEAGY
Source	E.coli
Target Names	CNN2
Protein Names	Recommended name: Calponin-2 Alternative name(s): Calponin H2, smooth muscle Neutral calponin
Expression Region	2-309
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This protein, 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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life

of lyophilized form is 12 months at -20°C/-80°C.