



Recombinant Human Calponin-2 (CNN2)

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|--------------------------|---|
| Product Code | CSB-YP860764HU |
| 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 EAEI RTWIEG LTGLSIGPDF QKGLKDG TIL CTLMNKLQPG SVPKINRSMQ NWHQLENLSN FIKAMVSYGM NPVDLFEAND LFESGNMTQV QVSL LALAGK AKTKGLQSGV DIGVKYSEKQ ERNFDDATMK AGQCVIGLQM GTNKCASQSG MTAYGTRRHL YDPKNHILPP MDHSTISLQM GTNKCASQVG MTAPGTRRHI YDTKLGTDKC DNSSMSLQMG YTQGANQSGQ VFGLGRQIYD PKYCPQGTVA DGAPSGTGDC PDPGEVPEYP PYYQEEAGY |
| Source | Yeast |
| 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. |
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