



# Recombinant Human Calponin-3

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-MP005657HU  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q15417  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | THFNKGPSYGLSAEVKNKIASKYDHQAEEDLRNWIEEVTGMSIGPNFQLGLKD<br>GIILCELINKLQPGSVKKNVNESSLNWPQLENIGNFIKAIQAYGMKPHDIFEANDLF<br>ENGNMTQVQTTLVALAGLAKTKGFHTTIDIGVKYAEKQTRRFDEGKLGKAGQSVI<br>GLQMGTNKCASQAGMTAYGTRRHLYDPKMQTDKPFQTTISLQMGTNKGAS<br>QAGMLAPGTRRDIYDQKLTLPVDNSTISLQMGTNKVASQKGMVSVYGLGRQV<br>YDPKYCAAPTEPVIHNGSQGTGTNGSEISDSYQAEYPDEYHGEYQDDYPRD<br>YQYSDQGIDY  |
| <b>Research Area</b>     | Signal Transduction   |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | CNN3  |
| <b>Expression Region</b> | 2-329aa   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | This gene encodes a protein with a markedly acidic C terminus; the basic N-terminus is highly homologous to the N-terminus of a related gene, CNN1. Members of the CNN gene family all contain similar tandemly repeated motifs. This encoded protein is associated with the cytoskeleton but is not involved in contraction.   |
| <b>Reconstitution</b>    | 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. |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |