9051 Mira Mesa Blvd, #910094
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CNN2 Human

Calponin 2 Human Recombinant
RCP0470

Product Overview

Name	CNN2 Human
Description	
Calponin 2 Human Recombinant	
Accession (Primary)	Q99439
Synonyms	
Calponin 2, Calponin H2, Smooth Muscle, Neutral Calponin, calponin-2.	
Introduction	
Calponin 2 also known as CNN2 protein is capable of binding actin, calmodulin, troponin C, and tropomyosin, and also function in the structural organization of actin filaments. Furthermore, the interaction of CNN2 with actin inhibits the actomyosin Mg-ATPase activity. CNN2 takes part in smooth muscle contraction and cell adhesion. Two transcript variants encoding different isoforms have been found for this gene.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CNN2 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MSSTQFN KGPSYGLSAE VKNRLLSKYD PQKEAELRTW IEGLTGLSIG PDFQKGLKDG TILCTLMNKL QPGSVPKINR SMQNWHQLEN LSNFIKAMVS YGMNPVDLFE ANDLFESGNM TQVQVSLLAL AGKA	
Precautions	
CNN2 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (Q99439)