

Recombinant Human CNN3 Protein (2-329 aa), His-tagged

Cat. No. CNN3-416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CNN3 Protein (2-329 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	2-329 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	40.3 kDa
AA Sequence	THFNKGPSYGLSAEVKNKIASKYDHQAEEDLRNWIEEVTGMSIGPNFQLGLKDGII LC ELINKLQPGSVKKVNESSLNWPQLENIGNFIKAIQAYGMKPHDIFEANDLFENG NMT QVQTTLVALAGLAKTKGFHTTIDIGVKYAEKQTRRFDEGKLKAGQSVIGLQMGTNKC ASQAGMTAYGTRRHLYDPKMQTDKPFQTTISLQMGTNKGASQAGMLAPGTRRDI YDQKLTLPVDNSTISLQMGTNKGASQAGMLAPGTRRDI SQGTGTNGSEISDSYQAEYPDEYHGEYQDDYPRDYQYSDQGIDY

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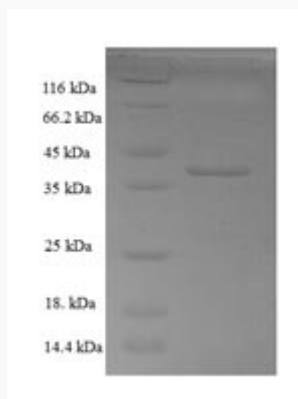
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with concentration instruction is sent along with the products.
GENE INFORMATION	
Gene Name	CNN3 calponin 3, acidic [Homo sapiens]
Official Symbol	CNN3
Synonyms	CNN3; calponin 3, acidic; calponin-3;
Gene ID	1266
mRNA Refseq	NM_001839
Protein Refseq	NP_001830
MIM	602374
UniProt ID	Q15417

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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