

Product datasheet for **SC335110**

Acidic Calponin (CNN3) (NM_001286056) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Acidic Calponin (CNN3) (NM_001286056) Human Untagged Clone
Tag:	Tag Free
Symbol:	CNN3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286056, the custom clone sequence may differ by one or more nucleotides

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ATGAGCATTGGCCCAACTCCAGCTGGGCTTAAAGGATGGCATCATCCTCTGCGAACTTATAAACAAGC
TACAGCCAGGCTCAGTGAAGAAGGTCAACGAGTCTCACTGAACTGGCCTCAGTTGGAGAATATTGGCAA
CTTTATTAAGCTATTCAGGCTTATGGTATGAAGCCACATGACATATTCGAAGCAAATGATCTTTTTGAG
AATGGAACATGACCCAGGTTCACTACTCTGGTGGCTCTAGCAGGTCTGGCTAAAACAAAAGGATTCC
ATACAACCATTGACATTGGAGTTAAGTATGCAGAAAAACAACAAGACGTTTTGATGAAGGAAAATAAA
AGCTGGCCAAAGTGTAATTGGTCTGCAGATGGGAACCAACAAATGTGCCAGCCAGGCAGGTATGACAGCT
TACGGACTAGGAGGCATCTTTATGATCCCAAAATGCAAACCTGACAAACCTTTTGACCAGCCACAATTA
GTCTGCAGATGGGCACTAATAAAGGAGCCAGCCAGGCAGGGATGTTAGCACCAGGTACCAGAAGAGACAT
CTATGATCAGAAGCTAACATTACAGCCGGTGGACAACCTGACAATTTCCCTACAGATGGGTACCAACAAA
GTTGCTTCCCAGAAAGGAATGAGTGTGTATGGGCTTGGGCGCAAGTATATGATCCCAAATACTGTGCTG
CTCCTACAGAACCTGTCATTCACAACGGAAGCCAAGGAACAGGAACAAATGGTTCGGAAATCAGTGATAG
TGATTATCAGGCAGAATACCCTGATGAGTATCATGGCGAGTACCAGGATGACTACCCAGAGATTACCAA
TATAGCGACCAAGGCATTGATTATAG
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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001286056
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001286056.1</u> , <u>NP_001272985.1</u>
RefSeq Size:	1902 bp
RefSeq ORF:	867 bp
Locus ID:	1266
UniProt ID:	<u>Q15417</u>
Cytogenetics:	1p21.3
Gene Summary:	<p>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. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and lacks a portion of the 5' coding region compared to variant 1. These differences cause translation initiation at a downstream start codon compared to variant 1. The encoded isoform (3) has a shorter N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>