

## Product datasheet for **SC335057**

### Acidic Calponin (CNN3) (NM\_001286055) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Acidic Calponin (CNN3) (NM_001286055) Human Untagged Clone
Tag:	Tag Free
Symbol:	Acidic Calponin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286055, the custom clone sequence may differ by one or more nucleotides

ATGACCCACTTCAACAAGGGCCCTTCCTATGGGCTCTCGGCCGAAGTCAAGAACAAGATTGCTTCCAAGT  
 ATGATCATCAGGCAGAAGAAGATCTTCGCAATTGGATAGAAGAGGTGACAGGCATGAGCATTGGCCCCAA  
 CTTCCAGCTGGGCTTAAAGGATGGCATCATCCTCTGCGAACTTATAAACAAGCTACAGCCAGGCTCAGTG  
 AAGAAGGTCAACGAGTCCTCACTGAACTGGCCTCAGGCTAAAACAAAAGGATTCCATACAACCATTTGACA  
 TTGGAGTTAAGTATGCAGAAAAACAAACAGACGTTTTGATGAAGGAAAATTTAAAGCTGGCCAAAGTGT  
 AATTGGTCTGCAGATGGGAACCAACAAATGTGCCAGCCAGGCAGGTATGACAGCTTACGGGACTAGGAGG  
 CATCTTTATGATCCCAAAATGCAAACTGACAAACCTTTTGACCAGACCACAATTAGTCTGCAGATGGGCA  
 CTAATAAAGGAGCCAGCCAGGCAGGGATGTTAGCACCAGGTACCAGAAGAGACATCTATGATCAGAAGCT  
 AACATTACAGCCGGTGGACAACCTCGACAATTTCCCTACAGATGGGTACCAACAAAGTTGCTTCCCAGAAA  
 GGAATGAGTGTGTATGGGCTTGGCGGCAAGTATATGATCCCAAATACTGTGCTGCTCTACAGAACCTG  
 TCATTCAACGGAAGCCAAGGAACAGGAACAAATGGTTCGGAATCAGTGATAGTGATTATCAGGCAGA  
 ATACCCTGATGAGTATCATGGCGAGTACCAGGATGACTACCCAGAGATTACCAATATAGCGACCAAGGC  
 ATTGATTATTAG

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286055
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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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001286055.1, NP_001272984.1</u>
<b>RefSeq Size:</b>	1974 bp
<b>RefSeq ORF:</b>	852 bp
<b>Locus ID:</b>	1266
<b>UniProt ID:</b>	<u>Q15417</u>
<b>Cytogenetics:</b>	1p21.3
<b>Gene Summary:</b>	<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 (2) lacks an in-frame exon in the central coding region compared to variant 1. The encoded isoform (2) is shorter than 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>