

Product datasheet for **SC106268**

RCSD 1 (RCSD1) (AL137762) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RCSD 1 (RCSD1) (AL137762) Human Untagged Clone
Tag:	Tag Free
Symbol:	RCSD 1
Synonyms:	CAPZIP; MK2S4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AL137762, the custom clone sequence may differ by one or more nucleotides

GCCGCAGCCCGAAACTGGCCACGGCCGGGAGCGGAGGGGACAGCGGGGATCGTGAGCTCCGGCCCGGGCG
 AGCGGGTGCCTCTGCCGAGAGTCGGCACCTGAAGGACATGGAGGAAAGACCGGCAGAGACCAATGCCAA
 TGTGGACAACCTCGGCGTCCCCCTCGGTGGCCAGCTGGCCGGGCGGTTTAGGGAGCAGGCGGCTGCAGCC
 AAGGAGACACCAGCCAGTAAACCAACCCGAAGGAAACCGCCCTGTTCCCTCCCCCTGTTCCCCCAAGG
 TAGACCTGGGCCAGAATGGTGAGGAGAAATCACCACCAATGCGAGCCACCCTCTAAATTCAGGTCAA
 GAGCTCGCCTCTGATTGAGAAGCTTCAGGCCAATTTAACCTTTGACCCAGCTGCTCTACTGCCTGGGGCC
 TCACCCAAGAGTCTGGACTCAAGGCTATGGTGTGCGCATTTACAGCCACCTTCTACCCCCAGCAGCC
 CTGGTGTGCGATCTAGGCCAGCGAGGCAGAGGAGGTGCCTGTCAGCTTCGACCAGCCCCCTGAAGGCAG
 TCATCTGCCCTGTTACAACAAGGTGCGGACGAGGGGCTCAATAAAAAGGCGCCCTCCCTCCAGGCGATT
 CGAAGGTCACAGTCAGACTGTGGAGAACTTGAGATTTAGGGCGGTGGAGTCATCTCAGCAGAACGGTG
 CTAAGGAAGAGGATGGGGATGAAGTGTGCCATCCAAGAGCAAGGCCCCAGGATCCCCCTTTGTCCAGTGA
 GGGAGCAGCGGGAGAGGGAGTGAGAACCTGGGACCTGCTGAAAAGCCTCCTCTGAGGAGGTCAACCCAGC
 AGGACAGAGAAGCAGGAGGAGGACAGGGCCACAGAGGAAGCCAAGAACGGTGAAAAGGCCAGGCGGAGTT
 CAGAGGAGGTGGACGGCCAGCACCCGGCCCAAGAGGAGTCCCGGAATCGCCCCAGACCTCTGGCCAGAG
 GGCAGAAAAATAGGTGTGGGAGCCCCAGGAGGAAAAGCCAGCTGGAGAGGAAGCAGAGATGGAAAAGGCT
 ACAGAGGTGAAGGGGAGAGGGTGCAAAATGAAGAGGTGGGACCTGAACATGACAGCCAAGAAAACAAGA
 AGCTGGAGGAGGAGCTGCAGTGAAGGAGACCCCCACAGTCCCCCTGGAGGAGTGAAGGCGGAGATGT
 CCCCAGCAGGAAAAAGGCAAGGAAAAACAACAGGAGGGGCGAGTGTGAGCCAGGCTGCAGCCCCCAG
 ACCGGCCCTGCCAGCTGGAGACCAGCAGTGAGGTCCAGAGCGAGCCAGCAGTCCCCAAGCCGGAG


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5' Read Nucleotide Sequence:	>OriGene 5' read for AL137762 unedited <pre> GGATTTTGTAAATACGACTTCACTATAGGGCGGCCGCAATTTCGGCACCAGGCGCAGGGCC CCCGCGGCCGGGCGAGTCCCGCAGCCGAGCGCAGCCGGGCGCGGCCACCGCCCACTCGC CCTGTGCCCGCCGCGAGCCCGAACTGGCCACGGCCGGGAGCGGAGGGGACAGCGGGGATC GTGAGCTCCGGCCCGGGCGAGCGGGTGCGTCTGCCGAGAGTCGGCACCTGAAGGACATG GAGGAAAGACCGGCAGAGACCAATGCCAATGTGGACAACTCGGCGTCCCCCTCGGTGGCC CAGCTGGCCGGGCGGTTTAGGGAGCAGGCGGCTGCAGCCAAGGAGACACCGCCAGTAAA CCAACCCGAAGGAAACCGCCCTGTTCCCTCCCCCTGTTCCCCCAAGGTAGACCTGGGC CAGAATGGTGAGGAGAAATCACCACCAATGCGAGCCACCCTCCTAAATTCAAGGTCAAG AGCTCGCCTCTGATTGAGAAGCTTCAGGCCAATTTAACCTTTGACCCAGCTGCTCTACTG CCTGGGGCCTACCCAAGAGTCTGGACTCAAGGCTATGGTGTGCCATTTACAGCCCA CCTTCTACCCCCAGCAGCCCTGGTGTGCGATCTAGGCCAGCGAGGCAGAGGAGGTGCCT GTCAGCTTCGACCAGCCCTGAAGGCAGTCATCTGCCCTGTTACAACAAGGTGCGGACG AGGGGCTCAATAAAAAGGCGCCCTCCCTCCAGGCGATTCCGAAGGTACAGTCAGACTGT GGAGAATTGGAGATTTAGGGCGGTGGAGTCATCTCAGCAGAACGGTGCTAANGAAGAA GATGGGGATGAAAGTGTGCCATCCAGAGCAAGGCCCCAGNATCCNCTTTGTCCAGTGNN AGGAGCAGCGGAGAAGGAGTGAGAACCTGGGGACTGCTGAAAAGCCTCTCTGAGAGTC ACCCANCAGACAGANAANCAGAGGAGGACGGGCCCCNNAGAAGCCAGAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	AL137762
Insert Size:	1750 bp
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).
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:	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:	AL137762.1 , CAB70910.1
RefSeq Size:	1326 bp
RefSeq ORF:	1326 bp
Locus ID:	92241
Cytogenetics:	1q24.2
Domains:	RCSD
Gene Summary:	Stress-induced phosphorylation of CAPZIP may regulate the ability of F-actin-capping protein to remodel actin filament assembly.[UniProtKB/Swiss-Prot Function]