

Product datasheet for **SC120148**

RCSD 1 (RCSD1) (NM_052862) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RCSD 1 (RCSD1) (NM_052862) 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 NM_052862, the custom clone sequence may differ by one or more nucleotides

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ATGGAGGAAAGACCAGGACAGACCAATGCCAATGTGGACAACCTCGGCGTCCCCCTCGGTGGCCAGCTGG
CCGGGCGGTTTAGGGAGCAGGCGGCTGCAGCCAAGGAGACACCAGCCAGTAAACCAACCCGAAGGAAACC
GCCCTGTTCCCTCCCCCTGTTCCCCCAAGGTAGACCTGGGCCAGAATGGTGAGGAGAAATCACCACCC
AATGCGAGCCACCCTCTAAATCAAGGTCAAGAGCTCGCCTCTGATTGAGAAGCTTCAGGCCAATTTAA
CCTTTGACCCAGCTGCTCTACTGCCTGGGGCTCACCCAAGATCCTGGACTCAAGGCTATGGTGTGCGC
ATTTACAGCCCACCTTCTACCCCAAGCAGCCCTGGTGTGCGATCTAGGCCAGCGAGGCAGAGGAGGTG
CCTGTCAGCTTCGACCAGCCCCCTGAAGGCAGTCATCTGCCCTGTTACAACAAGGTGCGGACGAGGGGCT
CAATAAAAAGGCGCCCTCCCTCCAGGCGATTCCGAAGGTACAGTCAGACTGTGGAGAAGTGGAGATTT
CAGGGCGGTGGAGTCATCTCAGCAGAACGGTGCTAAGGAAGAGGATGGGGATGAAGTGTGCCATCCAAG
AGCAAGGCCCCAGGATCCCTTTGTCCAGTGAGGGAGCAGCGGGAGAGGGAGTGAGAACCCTGGGACCTG
CTGAAAAGCCTCCTCTGAGGAGGTACCCAGCAGGACAGAGAAGCAGGAGGAGGACAGGGCCACAGAGGA
AGCCAAGAACGGTGAAAAGGCCAGGCGGAGTTCAGAGGAGGTGGACGGCCAGCACCCGGCCCAAGAGGAG
GTCCCGGAATCGCCCAGACCTTGCCCCAGAGGCAGAAAATAGGTGTGGGAGCCCCAGGGAGGAAAAGC
CAGCTGGAGAGGAAGCAGAGATGAAAAGGCTACAGAGGTGAAGGGGAGAGGGTGCAAAATGAAGAGGT
GGGACCTGAACATGACAGCCAAGAAACAAGAAGCTGGAGGAGGAGCTGCAGTGAAGGAGACCCCCAC
AGTCCCCCTGGAGGAGTGAAGGGCGGAGATGTCCCCAAGCAGGAAAAAGGCAAGGAAAAACAACAGGAGG
GGGCGAGTCTCGAGCCAGGCTGCAGCCCCAGACCCGCCCCGCCCCAGCTGGAGACCAGCAGTGAGGTCCA
GAGCGAGCCAGCAGTCCCAAGCCGGAGGATGACACTCCTGTCCAGGACACTAAAATGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_052862 unedited</p> <pre>GGGTTCANATATTTTGTAAATACCCACCCACTATAGGGCGGCCGGAATTCGGCACCAGC CCAAGAGAGGTCCCGAATCGCCCCAGACCTCTGGCCCAGAGCAGAAATAGGTGTGGGAG CCCCAGGGAGGAAAAGCCAGCTGGAGAGGAAAGCAGAGATGGAAAAGGCTACAGAGGTGA AGGGGGAGAGGGTGCAAAATGAAGAGGTGGGACCTGAACATGACAGCCAAGAAACAAAGA AGCTGGAGGAGGGAGCTGCAGTGAAGGAGACCCCCACAGTCCCCCTGGAGGAGTGAAGG GCCGAGATGTCCCAAGCAGGAAAAAGGCAAGGAAAACAACAGGAGGGGGCAGTGCTCGA GCCAGGTGCAGCCCCAGACCGCCCTGCCAGCTGGAGACCAGCAGTGAGGTCCAGAG CGAGCCAGCAGTCCCAAGCCGGAGGATGACACTCCTGTCCAGGACACTAAAATGTGAAG AACAGCTCATTGTGCCCCAGTGATGAAGTTGCTGGACACATCTCTTTCAGGTAGCAGCA ACAGTTGTAGCAGCAGCAGCAAGCCATTGCAGAGGCAGAATATGCTGAGTGTCTGGAG TCAGCCTGAAGACACAGGGTGGATTATTTCTGGCCTCCACACCAACGTTCCCTTGCA ATGGAGACTGAATCTGANGGCAGCAGACTTTTATCAGCTTGAGTTATGTCATTTGATGG ACTTGGTTCAACAACAGAACTTACTTAAAACATGACTGTGGTGTGAGTCCCAGGGCAC TGGTCAGCCTGTGGAGCCCTGGATGCTATCCACACCCACCTATCCCTGCAGCTAATTTAG CTGATCTAATTAAGTACTGAGCTCTATTTAGCTGATCAGATTTTGTGGGTAAGTCCCTT TTATGTTCTAAATGTTTACNGTTCTAAAAATAGTAA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_052862
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:	<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:	NM_052862.1 , NP_443094.1
RefSeq Size:	3012 bp
RefSeq ORF:	3012 bp
Locus ID:	92241
UniProt ID:	Q6JBY9
Cytogenetics:	1q24.2
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]