

## Product datasheet for **MC212786**

### Rcsd1 (NM\_001038846) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rcsd1 (NM\_001038846) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rcsd1  
**Synonyms:** A430105K13Rik; BC025872; CapZIP  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212786 representing NM\_001038846  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGGAAAGACCCTCAGAGACCAACTCCAATGTTGACAGCTCAGCGCAGCCTTCAGTGGCCCAGCTGG  
CTGGGCGCTTTCGGGAGCATGCAGCTGTGGCCAGGGAGAAATCACCATCCGGCGCCAGCCACCCACCTAA  
AATCAAGGTGAAGAGCTACCCCTGATCGAGAAGCTTCAGGCCAACTTAGCCTTTGACCCGGCAGCTCTT  
CTGCCTGGGGCTTCAACCAAAAGTCCCGGACTCAAGGCCATCGTATCACCATTTACAGTCCCCCTTCCA  
CACCCAGTAGCCCGGCATCCGATCCCACCAAGTGAGGCAGAAGAGGTGCCGTGTGAGCTTTGACCAGCC  
CCCGGAAGGAACTCACCTGCCCTTTACAATAAGGTGCGGACTAGAGGCTCAATAAAAAGACGTCCTCCC  
TCGCGGCGATTCCGAAGGTCTCAGTCGGACTGTGGGATTTTAGAGATTACAGGGCTGTGGAGCCATCTC  
AGGAAAACGGTGCCAGGGAAGAGAATGGGGATGACGTGTTGCTAGCAAGAGCAAGGACCCCGGGTCCCC  
TCAACTCAACCAGGAGGCTATGGCAGACGGGTGGAGGAACTCCGTGGTCTGCAGAAAAGCCACGGAGA  
AGGAACACGTGTAAACAGCACAGAGAAGCCAGAGGAGCTGGTCAGGACCCAGAGGAGGCGAATGCTGGAG  
AGAAGTTGGACAGAATCCAGACACAGCTAGTCAGGGTCATCCAGAGGTCCAGGCCCATCGCAAACCGG  
CAGCCCAGAGGCTGAGAATGGGTGCGGAAGCCACGGGAAGAGACAACCCGGGAGAGCATACAGACACT  
GGGAAGGCCACTGAAGGGACAGCCTCTGAGGAGAGGGTAGCAGATGAAGATAGGCTCGGACAGAAAAGCC  
CAGACGCAAAATGCCTGAGGAGGAGGGAGTGGTCAGGGAGAAAAGCCCCACAAACCTCTTCTGAAAAAGC  
AGAAGGTACTACTATCGCAGAGCCGGATACAAAGCAAAAGGAGGAGGCGCCTCTGGAGCCAAGCTGTAGC  
CCAGGGGCTGACCATGCTGCGGGAGAGATCACCAGTGAGATCCAGAATGAGAAAGCAGTCTCCATGGATG  
ACATCCCCATCGAGGATACCCGAAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



<b>ACCN:</b>	NM_001038846
<b>Insert Size:</b>	1149 bp
<b>OTI Disclaimer:</b>	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).
<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><a href="#">NM_001038846.1</a></u> , <u><a href="#">NP_001033935.1</a></u>
<b>RefSeq Size:</b>	2580 bp
<b>RefSeq ORF:</b>	1149 bp
<b>Locus ID:</b>	226594
<b>UniProt ID:</b>	<u><a href="#">Q3UZA1</a></u>
<b>Cytogenetics:</b>	1 H2.3
<b>Gene Summary:</b>	<p>Stress-induced phosphorylation of CAPZIP may regulate the ability of F-actin-capping protein to remodel actin filament assembly.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an in-frame exon in the coding region compared to variant 1. The resulting protein (isoform b) is shorter but has the same N- and C- termini compared to isoform a.</p>