

Product datasheet for MC207897

Rcsd1 (NM_178593) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rcsd1 (NM_178593) 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:	>MC207897 representing NM_178593 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGGAAAGACCCTCAGAGACCAACTCCAATGTTGACAGCTCAGCGCAGCCTTCAGTGGCCCAGCTGG
CTGGGCGCTTTCGGGAGCATGCAGCTGTGGCCAGGGAGACACCAGCCAGTAAGCCAACAAGAAGGAAACC
ACCTTGCTCCCTCCCTGTTTTCCCCCAAGGTAGAGCTGGGCCAGAACGGTGAGGAGAAATCACCATCC
GGCGCCAGCCACCCACCTAAAATCAAGGTGAAGAGCTCACCCCTGATCGAGAAGCTTCAGGCCAACTTAG
CCTTTGACCCGGCAGCTCTTCTGCCTGGGGCTTACCCAAAAGTCCCGGACTCAAGGCCATCGTATCACC
ATTTACAGTCCCTTCCACACCCAGTAGCCCGGCATCCGATCCCACCAAGTGAGGCAGAAGAGGTG
CCTGTGAGCTTTGACCAGCCCCGGAAGGAACTCACCTGCCCTTTACAATAAGGTGCGGACTAGAGGCT
CAATAAAAAGACGTCTCCCTCGCGCGATTCCGAAGGTCTCAGTCGGACTGTGGGGATTTTAGAGATTA
CAGGGCTGTGGAGCCATCTCAGGAAAACGGTGCCAGGGAAGAGAATGGGGATGACGTGTTTGCTAGCAAG
AGCAAGGACCCCGGGTCCCTCAACTCAACCAGGAGGCTATGGCAGACGGGTGGAGGGAACCTCCGTGGT
CTGCAGAAAAGCCACGGAGAAGGAACAGTGTAAACAGCACAGAGAAGCCAGAGGAGCTGGTCAGGACCCC
AGAGGAGGCGAATGCTGGAGAGAAGGTTGGACAGAATCCAGACACAGCTAGTCAGGGTCATCCAGAGGTC
CAGGCGCCATCGCAAACCGGCAGCCAGAGGCTGAGAATGGGTGCGGAAGCCACGGGAAGAGACAACCC
CGGGAGAGCATACAGACTGGGAAGGCCACTGAAGGGACAGCCTCTGAGGAGAGGGTAGCAGATGAAGA
TAGGCTCGGACAGAAAAGCCAGACGCAAAATATGCCTGAGGAGGAGGAGTGGTCAGGGAGAAAAGCCCCA
CAAACCTTTCTGAAAAGCAGAAGGTACTACTATCGCAGAGCCGGATACAAAGCAAAGGAGGAGGCGC
CTCTGGAGCCAAGCTGTAGCCAGGGGCTGACCATGCTGCGGGAGAGATCACCAGTGAGATCCAGAATGA
GAAAGCAGTCTCCATGGATGACATCCCCATCGAGGATACCCGAATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_178593
Insert Size:	1239 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:	<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_178593.3 , NP_848708.2
RefSeq Size:	2670 bp
RefSeq ORF:	1239 bp
Locus ID:	226594
UniProt ID:	Q3UZA1
Cytogenetics:	1 H2.3
Gene Summary:	<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 (1) represents the longer transcript and encodes the longer protein (isoform a).</p>