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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC212786 representing NM_001038846
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGAAAGACCCTCAGAGACCAACTCCAATGTTGACAGCTCAGCGCAGCCTTCAGTGGCCCAGCTGG
CTGGGCGCTTTCGGGAGCATGCAGCTGTGGCCAGGGAGAAATCACCATCCGGCGCCAGCCACCCACCTAA
AATCAAGGTGAAGAGCTCACCCCTGATCGAGAAGCTTCAGGCCAACTTAGCCTTTGACCCGGCAGCTCTT
CTGCCTGGGGCTTCACCCAAAAGTCCCGGACTCAAGGCCATCGTATCACCATTTCACAGTCCCCCTTCCA
CACCCAGTAGCCCCGGCATCCGATCCCACCCAAGTGAGGCAGAAGAGGTGCCTGTGAGCTTTGACCAGCC
CCCGGAAGGAACTCACCTGCCCTCTTACAATAAGGTGCGGACTAGAGGCTCAATAAAAAGACGTCCTCCC
TCGCGGCGATTCCGAAGGTCTCAGTCGGACTGTGGGGATTTTAGAGATTACAGGGCTGTGGAGCCATCTC
AGGAAAACGGTGCCAGGGAAGAGAATGGGGATGACGTGTTTGCTAGCAAGAGCAAGGACCCCGGGTCCCC
TCAACTCAACCAGGAGGCTATGGCAGACGGGGTGGAGGGAACTCCGTGGTCTGCAGAAAAGCCACGGAGA
AGGAACACGTGTAACAGCACAGAGAAGCCAGAGGAGCTGGTCAGGACCCCAGAGGAGGCGAATGCTGGAG
AGAAGGTTGGACAGAATCCAGACACAGCTAGTCAGGGTCATCCAGAGGTCCAGGCGCCATCGCAAACCGG
CAGCCCAGAGGCTGAGAATGGGTGCGGAAGCCCACGGGAAGAGACAACCCCGGGAGAGCATACAGACACT
GGGAAGGCCACTGAAGGGACAGCCTCTGAGGAGAGGGTAGCAGATGAAGATAGGCTCGGACAGAAAAGCC
CAGACGCAAATATGCCTGAGGAGGAGGGAGTGGTCAGGGAGAAAGCCCCACAAACCTCTTCTGGAAAAGC
AGAAGGTACTACTATCGCAGAGCCGGATACAAAGCAAAAGGAGGAGGCGCCTCTGGAGCCAAGCTGTAGC
CCAGGGGCTGACCATGCTGCGGGAGAGATCACCAGTGAGATCCAGAATGAGAAAGCAGTCTCCATGGATG
ACATCCCCATCGAGGATACCCGAATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001038846
Insert Size:	1149 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:	NM_001038846.1, NP_001033935.1
RefSeq Size:	2580 bp
RefSeq ORF:	1149 bp
Locus ID:	226594
UniProt ID:	Q3UZA1
Cytogenetics:	1 H2.3
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] 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.

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