

Product datasheet for **RN212869**

Rsrc1 (NM_001014172) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rsrc1 (NM_001014172) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rsrc1
Synonyms:	RGD1304968; SRrp53
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212869 representing NM_001014172 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGACGCCGGTCTTCAGACACTGAAGAAGAAAGCAGAAGCAAGAGGAAAAAGAAACACAGGAGGCGGT
 CATCTTCAAGCAGCTCTTCAGACAGCAGGACGTACAGCCGCAAGAAGGGTGGGAGGAGGCCAAGGTCGGA
 GTCACGATCCTGGTCTAGAGACCGCCAGCCTCGCTCACATTCTTATGAGAGAAGACGCAGGCGCAGGTCA
 AGCAGCAGCTCTTCTTATGGCTCCAGAAGAAACGCAGTCGCAGTCGTTCCAGGGGCCGAGGGAAGTCCT
 ATAGAGTTCAGAGGTCTCGGTCAAAAAGCAGAACAAGAAGGTCCAGGTCAAGACCTCGTCCACGCTCACA
 TAGTAGAAGCAGTGAAAGATCCAGTCACAGAAGAACTCGTAGTAGGTCCAGGGACAGAGACAGACGTAAA
 GTTCGGGACAAAGAGAAGAGAGAAAAGGAGAAGGATAAAGGCAAGACAAAGAGGCGCACACCATCAAAC
 GCGGGGATTGTGGAACATCAAAGCTGGATTAGAACATCTGCCTCCAGCTGAGCAGGCCAAAGCCAGACT
 TCAATTGGTCCTTGAAGCTGCTGCAAAAGCTGATGAAGCATTAAAGCCAAAGAAAGGAATGAGGAAGAA
 GCAAAGAGAAGAAAGAAAGAACCAAGCCACCCTGGGAGAACAAGTAAAGAGTAAAGAAATCGAAG
 CAATTGAAAGTGATTCTTTGTTTCAGCAGACATTAGATCAAGTAAAGATGTCAAAAGTCGGTAGAGCC
 GAGTGAGGTGAAGCATGTGACTCCAGCCTCAGGACCAGCATCAGTAGCTGCTGACCCACCCAGCACTGGA
 AAGGAAATAGACCCTGACAGCATCCCCACGGCTATCAAGTACCAAGATGACAATTCTCTAGCTCATCCAA
 ATTTATTTATTGAAAAAGCTGAAGCTGAGGAAAAGTGGTTCAAGAGATTGATTGCTCTCCGACAAGAAAG
 ATTGATGGGCAGTCCTGTGGCCT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001014172
Insert Size:	1005 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:	<u>NM_001014172.1, NP_001014194.1</u>
RefSeq Size:	1426 bp
RefSeq ORF:	1005 bp
Locus ID:	361956
UniProt ID:	<u>Q5PPJ2</u>
Cytogenetics:	2q31-q32
Gene Summary:	Plays a role in pre-mRNA splicing. Involved in both constitutive and alternative pre-mRNA splicing. May have a role in the recognition of the 3' splice site during the second step of splicing (By similarity).[UniProtKB/Swiss-Prot Function]