

Product datasheet for **SC106146**

RSRC1 (BC010357) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RSRC1 (BC010357) Human Untagged Clone
Tag:	Tag Free
Symbol:	RSRC1
Synonyms:	arginine/serine-rich coiled-coil 1; arginine/serine-rich coiled coil 1; BM-011; MGC12197
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for BC010357, the custom clone sequence may differ by one or more nucleotides

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ATGGGACGTCGGTCATCAGATACTGAAGAAGAAAGCAGAAGCAAGAGAAAAAGAAACACCGTAGACGGT
CCTCCTCGAGCAGTTCTTCAGATAGTAGAACATACAGCCGAAAGAAAGGAGGAAGGAAATCAAGATCAAA
GTCAAGATCTTGGTCCAGAGATCTTCAGCCTCGTTCACATTCTTATGATAGAAGACGCAGGCATCGATCA
AGCAGTAGCTCTTCTTATGGCTCCAGAAGGAAACGAAGTCGAAGTCGTTCAAGGGGTCGAGGGAAATCCT
ATAGAGTTCAGAGGTCTAGGTCAAAAAGCAGAACAGAAGGGAATCTGGAACATCAAAGCTGGATTAGA
ACATCTGCCACCAGCTGAACAGGCCAAAGCCAGACTACAGCTGGTCTTGAAGCTGCTGCAAAAGCTGAT
GAAGCATTGAAAGCCAAAGAAAGAAATGAGGAAGAAGCAAAGAGAAGAAAGGAGGAAGACCAAGCCACCC
TGGTAGAACAAAGTAAAAAGAGTAAAAGAAATTGAAGCTATTGAAAGTGATTCTTTTGTTCAGCAGACATT
CAGATCAAGTAAAGAAGTCAAAAAGTCAGTGGAACCTAGTGAAGTGAAACAAGCAACTTCAACATCAGGA
CCAGCATCAGCAGTTGCTGATCCACCCAGTACTGAAAAAGAAATAGATCCTACCAGCATCCCTACTGCTA
TCAAGTACCAAGATGACAATTCCTGGCCCATCCAAATTTATTTATCGAGAAAGCTGATGCTGAGGAAAA
ATGGTTCAAGAGATTAATTGCTCTCCGACAAGAAAGACTAATGGGCAGTCCTGTGGCCTAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC010357 unedited <pre> AGTATTTTGTAACTACGACTCACTATAGGGCGGCCGCGAAATTCGCACCACTGGACGCCGG CGGCGCCTGTATCTAAAGAAACGACTCAGGGACTGCGGCGCTGCACGTCAACGGGAGGT GTGAGCCCAAAGAAATGGGACGTCGGTCATCAGATACTGAAGAAGAAAGCAGAAGCAAGA GAAAAAGAAACACCGTAGACGGTCCTCCTCGAGCAGTTCTTCAGATAGTAGAACATACA GCCGAAAGAAAGGAGGAAGGAAATCAAGATCAAAGTCAAGATCTTGGTCCAGAGATCTTC AGCCTCGTTCACATTCTTATGATAGAAGACGCAGGCATCGATCAAGCAGTAGCTCTTCTT ATGGCTCCAGAAGGAAACGAAGTCGAAGTCGTTCAAGGGGTGAGGGAATCCTATAGAG TTCAGAGGTCTAGGTCAAAAAGCAGAACAAGAAGGTCCAGGTCAAGACCTCGTCTCCGTT CTCATAGTCGTAGCAGTGAAAGGTCCAGTCACAGAAGAAGCGTAGTCGGTCTCGGGATA GAGAACGACGTAAGGGCAGAGATAAAGAGAAAAGAGAAAAGGAGAAGGATAAAGGGAAGG ACAAGGAATTACATAACATCAAACGTGGATTTACCAAAAAGAAATTGTGAGAGGAAAAAGA AACTTACATCTAACAGGAAGAGAAAAGTTTATAGGAAGACCAAATTGGAATCTGGAACAT CAAAGCTGGATTAGAACATCTGATGGGAGTCTTGCTCAGTCTCCAGGCAGGAGAGCAGT GGTGCAATCTTGGCTCACTGCAGCCTNCACCTCGCAGGTTCAAGTGATTCTCCTGTCTCA GCCTCCTGAGTAGCTGGGACTGCAAGCACCGNCAACCATGCCTGGCTAATTNTATATGTT TAGTAAAGACCACCATGATTTACATGTTGGNCAAGCTGGNCTCAACTNCTGACTNAGATG ATCCGNTNCTCGGCCTCAGATGCTGGA </pre>
Restriction Sites:	NotI-NotI
ACCN:	BC010357
Insert Size:	3000 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:	BC010357.1 , AAH10357.1
RefSeq Size:	1466 bp
RefSeq ORF:	831 bp
Locus ID:	51319
Cytogenetics:	3q25.32

Gene Summary:

This gene encodes a member of the serine and arginine rich-related protein family. The encoded protein is involved in both constitutive and alternative mRNA splicing. This gene may be associated with schizophrenia. A pseudogene of this gene is located on chromosome 9. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Nov 2012]