

Product datasheet for **SC102581**

RRS1 (NM_015169) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RRS1 (NM_015169) Human Untagged Clone
Tag:	Tag Free
Symbol:	RRS1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC102581 sequence for NM_015169 edited (data generated by NextGen Sequencing)

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ATGGAGGGCCAAAGCGTGGAGGAGCTGCTCGCAAAGGCAGAGCAGGACGAGGCAGAGAAG
TTGCAACGCATCACGGTGCACAAGGAGCTGGAGCTGCAGTTTGACCTGGGCAACCTGCTG
GCGTCGGACCGGAACCCCCGACCGGGCTGCGGTGCGCCGGACCCACGCCGGAGGCCGAG
CTACAGGCCCTGGCGCGGGACAACACGCAACTGCTCATCAACCAGCTGTGGCAGCTGCCC
ACGGAGCGCGTGAAGAGGCGATAGTGGCGCGGCTGCCGGAGCCACCACACGCCTGCCG
CGAGAGAAGCCTCTGCCCGACCGCGGCCACTTACACGCTGGCAGCAGTTTCGCGCGCCTC
AAGGGCATCCGTCCCAAGAAGAAGACCAACCTGGTGTGGGACGAGGTGAGTGGCCAGTGG
CGGCGGCGCTGGGGCTACCAGCGCGCCCGGGACGACACCAAGAATGGCTGATTGAGGTG
CCCGCAATGCCGACCCCTTGGAGGACCAAGTTCCGCAAGCGGATTTCAGGCCAAGAAGGAA
AGGGTGGCCAAGAAGCAGCTGAACCGGCTGCGTAACCTGGCCCGCGCGCACAAGATGCAG
CTGCCAGCGCGCGCGGCTTGACCCCTACCGGACACCAGAGTAAGGAGGAGCTGGGCCGC
GCCATGCAAGTGGCCAAGGTCTCCACCGCCTCTGTGGGCGCTTTTCAGGAACGCCTCCCC
AAGGAGAAGGTGCCCCGGGGCTCCGGCAAGAAAAGGAAGTTTCAACCCCTTTTCGGGGAC
TTTGCAGCCGAGAAAAAGAACAGTTGGAGCTGCTTCGTGTCATGAACAGCAAGAAGCCT
CAGCTGGATGTGACTAGGGCCACCAATAAGCAGATGAGGGAGGAGGACCAGGAGGAGGCC
GCCAAGAGGAGGAAAATGAGCCAGAAGGGCAAGAGAAAGGAGGCCGGCAGGGGCCTGGG
GGCAAGAGGAAAGGGGGCCGCCAGCCAGGGAGGGAAGAGGAAAGGGGGCTTGGGAGGC
AAGATGAATTCTGGGCCCTGGCTTGGGTGGCAAGAGAAAAGGAGGACACGCCCCAGGA
GGAAGAGGAGGAAGTAA

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Clone variation with respect to NM_015169.3
12 g=>a;711 g=>a



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015169 unedited
 NTGTCAAATTTGTATACGACTCATATAGGGCGGCCGGAATTCGCACGAGGCGGCATCT
 GCACGTGGTTATGCTGCCGGAGTTTGGGCCGCGCTGTAGGAAAAGTAACTTCAGCTGCA
 GCGCCAAAGCGAGTGAGCCGAGCCGAGCCATGGAGGGCCAAAGCGTGGAGGAGCTGCTC
 GCAAAGGCAGAGCAGGACGAGGCAGAGAAGTTGCAACGCATCACGGTGCACAAGGAGCTG
 GAGCTGCAGTTTGACCTGGGCAACCTGCTGGCGTCGGACCGGAACCCCCGACCGGGCTG
 CGGTGCGCCGACCCACGCCGAGGCCGAGCTACAGGCCCTGGCGCGGACAACACGCAA
 CTGCTCATCAACCAGCTGTGGCAGCTGCCACGGAGCGCGTGGAAGAGGCGATAGTGGCG
 CGGCTGCCGAGCCACCACACGCTGCCGCGAGAGAAGCCTCTGCCCGACCGCGGCCA
 CTTACACGCTGGCAGCAGTTCGCGCGCCTCAAGGGCATCCGTCCCAAGAAGAAGACCAAC
 CTGGTGTGGGACGAGGTGAGTGGCCAGTGGCGGCGCGCTGGGGCTACCAGCGCGCCCGG
 GACGACACCAAAGATGGCTGATTGAGGTGCCCGCAATGCCACCCCTTGGAGGACCAG
 TTCGCAAGCGGATTGAGCCAAAGAAGGAAAGGTGGCCAAGAACGAGCTGAACCGGCTG
 CGTAACCTGGCCGCGCACAAGATGCAGCTGCCAGCGCGCGGCTTGCACCTACC
 GGACACCANAGTAAGGGAGGAGCTGGCCGCGCCATGCAGTGGNCCAAGGTCTCACGNT
 CTGTGGGCGCTTTCAGGAACGCTCCANGNAGAAGTGCCCNNGNCTCGCAGAAAAGGA
 AGNTACCCCTTTCGGGACTTGACCGAGAAN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015169 unedited
 NGGTTTTAGCTNTGNACCGCGCCCGCATNCTAGGATCGAGTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTAAATAAAACATCTTTATTACTTAATCTTTAAACAGTCACTTG
 CCTATTCAATTCTGAAACTGTTTGTCTTTCCCTCCCCGCACTCCCGCTTTGATACA
 CAAACTTGTTGAAAAAATGCAGAAACATATACGTCAATCTAAGTCTCTGAAATATGG
 CCAACTCTACCTGCGCGTATATCCAACATTAAGAAAGAAAAAAGGCTGTTTAAAAATA
 AAACTCATTCCCGTTTTCCACCAATTATTTCCCTAATTCTTAAATCCTCAAATAAGTTC
 TTAATCTCCAAAGTCTCGGTTGTGGGAAAAACATTAATTTGTGCAGTCCAACACTTACAT
 ACTTTCTTGACGAAGGGCAATCCTGTCCCTTTAACTCAATGAAGGCAGCGGCCAGGTC
 CTTCTGAGTCCCGTATAATTGCCTAAACTTAACATTTAGTATTCATAGTCCTTGGTTT
 ACAGACGGGTCGACAGTTAGAACTATTACTTCTCTCTTTCTCTCTGGGCGCTGTCC
 TCCTTTTCTCTTGCCACCAAGCCAGGCGGCCAGAAATCATCTTGCTCCCAAGCCCCC
 TTTCTCTTCCCTCCCTGGCTGGGCGGGCCCCCTTTCTCTTGCCCCAGGCCCTGCCG
 CCCTCCCTTTCTTGCCCTTCTGGCTCATTTTCTCTCTTGCGGCGCTCCTCTGGAC
 CTCTCCCTCATCTGCTTATTGGCGGCCCTAGTCACATCCAGCTGAGGCTTTTTGCTGTT
 CATGACACGAACAACTCCAATGTTTCTTTTTTTCGGCTGCAAAGTCCCCGAAAGTGNTG
 AAT

Restriction Sites:

NotI-NotI

ACCN:

NM_015169

Insert Size:

1820 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_015169.3, NP_055984.1</u>
RefSeq Size:	1724 bp
RefSeq ORF:	1098 bp
Locus ID:	23212
UniProt ID:	<u>Q15050</u>
Cytogenetics:	8q13.1
Domains:	DUF660
Gene Summary:	Involved in ribosomal large subunit assembly. May regulate the localization of the 5S RNP/5S ribonucleoprotein particle to the nucleolus.[UniProtKB/Swiss-Prot Function]