

Product datasheet for **SC111099**

RRP9 (NM_004704) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RRP9 (NM_004704) Human Untagged Clone
Tag:	Tag Free
Symbol:	RRP9
Synonyms:	RNU3IP2; U3-55K
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC111099 sequence for NM_004704 edited (data generated by NextGen Sequencing)

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ATGTCGGCAACAGCGGCTGCTCGTAAGCGGGGAAAGCCGGCCTCTGGGGCCGGGGCTGGC
GCGGGGGCCGGCAAGCGGCGGCGAAAGGCCGACTCTGCGGGGACAGGGGCAAATCCAAG
GGTGGCGGCAAGATGAATGAGGAGATCTCCAGCGACTCTGAGAGCGAGAGCCTAGCTCCA
AGGAAGCCTGAGGAGGAGGAGGAGGAGGAGCTGGAGGAACTGCACAGGAAAAGAAGCTG
CGCTTGCCCAAGCTCTACCTAGAGCAGCTCCGTAGCAAGAGGAGGAGAAGGCTGAGGCC
CGTGCAATTTGAGGAGGACAGGTGGCGGGGCGCCTGAAGGAGGATGTGCTTGAGCAGAGG
GGCAGGCTGCAGAAGTTGGTGGCAAAAGAGATCCAGGCCCCAGCCTCAGCTGACATTCGC
GTTTTACGGGGGACAGCTCTCTATCACATGTTTGGTCGTACCCCCGATGACTCAGCC
ATCTTCTCTGCTGCCAAAGACTGCAGCATCATTAAAGTGGAGCGTGGAGAGTGGACGGAAG
CTGCATGTGATTCTCGAGCCAAGAAGGGTGCCGAGGGAAAGCCCCCTGGCCACAGCAGC
CACGTCCTCTGCATGGCCATCTCTCCGACGGCAAGTACCTTGCTCTGGTGACCGCAGC
AAGCTCATTCTCATTTGGGAGGCCAGAGCTGCCAGCACTTGACACCTTCACAGGACAC
CGGGATGCAGTGTGGGTCTGGCATTCCGAGAGGCACCCACCAGCTCTACAGCAGATCC
CACGATCGCTCCGTGAAGGTGTGGAATGTGGCAGAGAAGTCTACGTGGAGACGCTCTTC
GGACACCAGGACGCTGTGGCTGCACTGGATGCCTTGAGCCGGGAGTGCTGTGTGACGGCT
GGGGGCCGGGATGGGACTGTACGTGTGTGGAAGATCCCCGAGGAGTCCCAGCTTGCTTTC
TATGGCCACCAGGGCTCCATCGACTGCATCCACCTAATCAATGAGGAGCAGATGGTGTC
GGCGGGGACGATGGCTCTGTGGCCTTGTTGGGTCTCTCCAAGAAGCGACCACTTGCCCTG
CAGCGTGAAGCTCAGGGGCTGCGGGGAGAGCCAGGCCCTGGAGCAGCCCTTCTGGATATCG
TCGGTGGCAGCCCTCTCAACACAGACCTTGTTGCCACAGGCTCCACAGCTCCTGTGTG
CGGCTTTGGCAGTGTGGGAAGGCTTCCGCGAGCTTGACCTTCTGTGACATCCCCCTG
GTGGGTTTTATCAACAGCCTCAAGTTCTCCAGCTCTGGGAGCTTCTGGTGGCTGGGGTA
GGGCAGGAGCACAGGCTTGCCGATGGTGGAGAATCAAAGAGGCTCGGAATTCTGTCTGC
ATCATCCCACTCCGAGGGTCCCTGTACCCCCAGCTGCTGGTTCCTGA
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Clone variation with respect to NM_004704.3

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_004704 unedited

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CTCAGATTTTGTAAATACGACTTCACTATAGGGCGGCGCGAATTCGCACCAGGCTACACG
CCTGGTGGGACAGATGTGCGCAACAGCGGCTGCTCGTAAGCGGGGAAAGCCGGCCTCTGG
GGCCGGGGCTGGCGCGGGGGCGGCAAGCGGCGGCGAAAGGCCGACTCTGCGGGGGACAG
GGGCAAATCCAAGGGTGGCGGCAAGATGAATGAGGAGATCTCCAGCGACTCTGAGAGCGA
GACCTACTCCAAGAGCCTGAGGAGGAGGAGGAGGAGGAGTGGAGGAACTGCACAGGAA
AAGAAGCTGCGCTTGCCCAAGCTCTACCTAGAGCAGCTCCGTAGCAAGAGGAGGAGAAG
GCTGAGGCCCGTGCATTTGAGGAGGACAGGTGGCGGGGCGCCTGAAGGAGGATGTGCTT
GAGCAGAGGGGCGAGGCTGCAGAAGTTGGTGGCAAAAGAGATCCAGGCCCCAGCCTCAGCT
GACATTCGCGTTTTACGGGGGACAGCTCTCTATCACATGTTTGGTCGTACCCCCGAT
GACTCAGCCATCTTCTCTGCTGCCAAAGACTGCAGCATCATTAAAGTGGAGCGTGGAGAGT
GGACGGAAGCTGCATGTGATTCTCGAGCCAAGAAGGGTGCCGAGGGAAAGCCCCCTGGC
CACAGCAGCCACGTCCTCTGCATGGCCATCTCTCCGACGGCAAGTACCTTGCTCTGGT
GACCGCAGCAAGCTCATTCTCATTTGGGAGGCCAGAGCTGCCAGCACTTGACACCTTC
ACAGGACACCGGGATGCAGTGTGGGTCTGGCTTTCCGAGAGGCACCCACCAGCTCTAC
AGCACATCCACGATCGCTCCGTGAAGGTGTGGGATGTGGCAGAGAAGTCTACGTGGAGA
CGCTCTTTCGACACCAGNACCCTGTGGTGGCCTGGATGCCTTGAGCCGGAG
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Restriction Sites: NotI-NotI

ACCN: NM_004704

Insert Size: 1650 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_004704.3</u> , <u>NP_004695.1</u>
RefSeq Size:	1588 bp
RefSeq ORF:	1428 bp
Locus ID:	9136
UniProt ID:	<u>O43818</u>
Cytogenetics:	3p21.2
Domains:	WD40
Gene Summary:	This gene encodes a member of the WD-repeat protein family. The encoded protein is a component of the nucleolar small nuclear ribonucleoprotein particle (snoRNP) and is essential for 18s rRNA processing during ribosome synthesis. It contains seven WD domains required for nucleolar localization and specific interaction with the U3 small nucleolar RNA (U3 snoRNA). [provided by RefSeq, Oct 2012]