

Product datasheet for **SC107954**

Ribosomal protein S11 (RPS11) (NM_001015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ribosomal protein S11 (RPS11) (NM_001015) Human Untagged Clone
Tag:	Tag Free
Symbol:	Ribosomal protein S11
Synonyms:	S11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC107954 sequence for NM_001015 edited (data generated by NextGen Sequencing)

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ATGGCGGACATTCAGACTGAGCGTGCCTACCAAAGCAGCCGACCATCTTCAAACAAG
AAGAGGGTCCCTGCTGGGAGAACTGGCAAGGAGAAGCTCCCGCGTACTACAAGAACATC
GGTCTGGGCTTCAAGACACCCAAGGAGGCTATTGAGGGCACCTACATTGACAAGAAATGC
CCCTTCACTGGTAATGTGTCCATTGAGGGCGGATCCTCTCTGGCGTGGTGACCAAGATG
AAGATGCAGAGGACCATTTGTCATCCGCCGAGACTATCTGCACTACATCCGCAAGTACAAC
CGCTTCGAGAAGCGCCACAAGAACATGTCTGTACACCTGTCCCCCTGCTTCAGGGACGTC
CAGATCGGTGACATCGTACAGTGGGCGAGTGCCGGCCTCTGAGCAAGACAGTGCCTTC
AACGTGCTCAAGGTCACCAAGGCTGCCGGCACCAAGAAGCAGTTCAGAAGTTCTGA
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Clone variation with respect to NM_001015.3



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_001015 unedited</p> <p>TAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGAAGATGGCGGACATTCA GACTGAGCGTGCCTACCAAAAAGCAGCCGACCATCTTTCAAACAAGAAGAGGGTCTGCT GGGAGAAACTGGCAAGGAGAAGCTCCCGCGGTACTACAAGAACATCGGTCTGGGCTTCAA GACACCAAGGAGGCTATTGAGGGCACCTACATTGACAAGAAATGCCCTTCACTGGTAA TGTGTCCATTCGAGGGCGGATCCTCTCTGGCGTGGTACCAAGATGAAGATGCAGAGGAC CATTGTACATCCGCCGAGACTATCTGCACACTACATCCGCAAGTACAACCGCTTCGAGAAGCG CCACAAGAACATGTCTGTACACCTGTCCCCTGCTTCAGGGACGTCCAGATCGGTGACAT CGTCACAGTGGGCGAGTCCCGCCCTCTGAGCAAGACAGTGCCTTCAACGTGCTCAAGGT CACCAAGGCTGCCGGCACCAAGAAGCAGTTCAGAAAGTCTGAGGCTGGACATCGGCCCG CTCCCCACAATGAAATAAAGTTATTTTCTATTCCCAAAAAAAAAAAAAAAAAAACTCGAC TCTAGATTGCGGCCGCGGTACATAGCTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTG ACCCCTNCCCAGTGCCTCTCTGGCCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTG TCCTAATAAAAATAAGTTGCATCATNTGTCTGACTAGGTGTCCTTTCTATATATATGGG GTGGAGNNGGTTGGGNTGGANCAAGGGGGCAGTTGGGAAAACACCTGTAGGGCTGC GGGTCTATTGGACCCAGCTGGNATGCATGGACAATCTGGCTACTGCATCCTCGCTCC TGGNTCAAGCGATCTCTGCTACCTCCCGAGT</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_001015 unedited</p> <p>CCCACCCCCCCCCAAAACCTTCCCCCCCCCTTACTTGCCCGGGCCGCTTTTTCACATC GCGTTTTTTTTTTTTTTTTTTTGGGCAATGACAAAAAATTTATTTTCATTGCGGGGAGCGG GCCGATGCCAGCCTCAGAACTTCTGAACTGCTTCTTGGTGCCGGCCGCTTGGTGACC TTGAGCACGTTGAAGCGCACTGTCTTGCTCAGAGGCCGCGCACTGCCCCACTGTGACGATG TCACCGATCTGGACGTCCCTGAAGCACGGGACAGGTGTACAGACATGTTCTTGTGGCGC TTCTCGAAGCGGCCGTAATTGCGGATGTAGTGCACCATACCCCCGGCGGATGACAATGGA CCTCTGCATCTTCTCCTGGCCACCACGCCAGAGAGGATCCGCCCTCGAATGGACACATT ACCAGTGACGGGGCTCCCTCTGCCACTGTAGGTGCCCTCAATAGCCTCCTTGGCTGTCC CGAACCACACCGACGTTCTTGAATACCGCGGGAGCTTCTCCTTGCCAGTTTCTCCCAG CGGACCTCTTCTTGCCTTGAAAGATGGCCCGGCTGCTTTTGGTACGCACGCTTATTCT GAACGTCCGCCATTTTCCCTCGTGCCGAAACCCGCGGTCCGCCTTTCGTGAGCCCCGATTA CAAAATTCCTGCCGTTACTAAACCAGCCTCTGTTTATATAAACTATCCACCGTACCCG CCACCGCCCATTTGCGTTCACCGCGCGGGTCTATACCACATTTTGGAAAGCTCCCTC GATTTTTGGGCCCAAAAACAACCCCATGAATCTCCTGGGGCGGACAAGTACGCAACC CCCTGGGGCCACACCGTTTCCAGCCCTTTTGGTGTACCGTCCCAACCCGATTTAACCT TGGTAATCGCGCCGCTCACACTCTTAAACCTCCACCGCCACN</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_001015
Insert Size:	620 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:	<ol style="list-style-type: none">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_001015.3 , NP_001006.1
RefSeq Size:	641 bp
RefSeq ORF:	477 bp
Locus ID:	6205
UniProt ID:	P62280
Cytogenetics:	19q13.33
Domains:	Ribosomal_S17
Protein Pathways:	Ribosome
Gene Summary:	<p>Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a member of the S17P family of ribosomal proteins that is a component of the 40S subunit. This gene is co-transcribed with the small nucleolar RNA gene U35B, which is located in the third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome. [provided by RefSeq, Jul 2012]</p>