

Product datasheet for **SC120122**

RPL36 (NM_033643) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL36 (NM_033643) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL36
Synonyms:	L36
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120122 sequence for NM_033643 edited (data generated by NextGen Sequencing) ATGGCCCTACGCTACCCTATGGCCGTGGGCCTCAACAAGGGCCACAAAGTGACCAAGAAC GTGAGCAAGCCCAGGCACAGCCGACGCCGCGGGGTCTGACCAAACACACCAAGTTCGTG CGGGACATGATTCGGGAGGTGTGTGGCTTTGCCCGTACGAGCGCGCCATGGAGTTA CTGAAGGTCTCCAAGGACAAACGGGCCCTCAAATTTATCAAGAAAAGGTGGGGACGCAC ATCCGCGCCAAGAGGAAGCGGGAGGAGCTGAGCAACGTACTGGCCGCCATGAGGAAAGCT GCTGCCAAGAAAGACTGA

Clone variation with respect to NM_033643.2



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_033643 unedited
 CACTATTTTGTAAATACGACTCACTATTAGGGCGGCCGCGAATTCGCACGAGGCCGTCTCT
 GGAGAGCAGCAGCCATGGCCCTACGCTACCCTATTGGCCGTGGNGCCTCAACAAGGGCCA
 CAAAGTGACCAAGAACGTGAGCAAGCCCAGGCACAGCCGACGCCGCGGGCGTCTGACCAA
 ACACACCAAGTTCGTGCGGGACATGATTCGGGAGGTGTGTGGCTTTGCCCGTACGAGCG
 GCGCGCCATGGAGTTACTGAAGGTCTCCAAGGACAAACGGGCCCTCAAATTTATCAAGAA
 AAGGGTGGGGACGCACATCCGCGCCAAGAGGAAGCGGGAGGAGCTGAGCAACGACTGGC
 CGCCATGAGGAAAGCTGCTGCCAAGAAAGACTGAGCCCTCCCTGCCCTCTCCCTGAAA
 TAAAGAACAGCTTGACAGAAGCCCTGGCTCTCCTGCTGTCCTGCGTGGGTGGGTGTGGTGTG
 TCGGGGGCCCGAGTCCCTGTCTGGTGCCTGCTGAGCCACACCCTCTCCGGGTGCTG
 CCTGGTCGTGAATCAAAAGCCGTGGCCCGCCACCCTTCCGGGGCAGCAGGTGAGGAAG
 CCGCCGACTGCAAAATGACTTTAATCATTAAATAGCTTCTATGCCACAAAANNNNNNNN
 NANNANAAAAAAAAAAAAAAAAANNNAAAAAAAAAAAAAAAAANAAAAAAAAANNANNAANNAANA
 AANNNNNAAAAAAAAANNNAAAAAAAAAAAAAAAAAAAAAAAAACTCCTTTAATTTGGGGG
 GGGGGTTTAATTTTTTTTTTAAAAAATCCCCGGGGGTTCTTGGGACCCTCCCAAGG
 CCTTTTTTGGGCCTGGGAGGTGCCTTCGAGGCCCCCATCTTTTTATAAAAAAAAAAAGGG
 CTATTTTGCAGAAAGGGGCTCTATAATTAGGGGGGGGGGGGGG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_033643 unedited
 GCTTTTATGATTATAGTCTTTCAGTACGGCGGCTTCTCACCTGCTGCCCGGGAAGGT
 GGGCGGGCCACGGCTTTTGATTACGACCACGCAGCACCCGGAGAGGGTGTGGCTCANAG
 CGGGCACCAGACAGGGGACTGCGGGCCCCGACACACCCACCCACCCACCGGACAGCAG
 GAGAGCCAGGGCTTCTGTCAAGCTGTTCTTTATTCANGGANAGGCAGGGGGGGGGTCT
 ANTCTTTCTTGGCANCANCTTTCCTCATGGCGGCCANTACGTTGCTCAGCTCCTCCCGCT
 TCCTCTTGGCGCGGATGTGCGTCCCCACCCTTTTCTTGATAAATGTGAGGGCCCGTTTGT
 TCTTGGAGACCTTNAAGTAACTCCATGGCGCCCCGCTCGTACGGGGCAAAGCCACACACCT
 CCCCAAACATGTCCCGCCGACCTTGGTGGGTTTCGGCAAACCCCCCTCCCTTGCTCGT
 CCCTGGCTTGCCTCCCTCTTCGTTACTTTGGGCTCCTTTTAGGCCACCGCCCTTGTG
 CTCCTCGCGCCTTGTTCGTGCTTCCCAACAGGGGCTCTTTTCCACTTCTGCTCCCT
 CCCCCCCCCCTCCTCCCCCCCCGCCCCCTTCCCATCCCCCCCCCTCCCATTTCCACT
 CCCATCCTCCCCGTTCCCTCCCATTTTCGTGCGATCGTGGGCCCTTACCCTCTATCCAT
 CCCACCATCCCCCTCCCCGTTGCGGCCTATACACTCTACGCATCCCCCCCCCGGCTGCCGC
 GTCCTTCTCCCCCTTCTTCGCGGACCACTTCATTCTCCCCCGCTTCTCCCTACCTC
 CCCCTTCCCCCTTGCTTCCCTTCCCTCTCCCGCTTCTCCCTCCCTTTNTCTATCTTCC
 GTCCGACTTCCGCGTTCGTATCTCATATTTTACCCATTGCGCCGTTCCNCTATTCTC
 GCGTTTCTCCCCCTCCCCCACTTCTCCCCGCATTACTCTCACTCTTCTTATT

Restriction Sites:

NotI-NotI

ACCN:

NM_033643

Insert Size:

5410 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_033643.1 , NP_378669.1
RefSeq Size:	428 bp
RefSeq ORF:	318 bp
Locus ID:	25873
UniProt ID:	Q9Y3U8
Cytogenetics:	19p13.3
Domains:	Ribosomal_L36e
Protein Families:	Druggable Genome
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 ribosomal protein that is a component of the 60S subunit. The protein belongs to the L36E family of ribosomal proteins. It is located in the cytoplasm. Transcript variants derived from alternative splicing exist; they encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) is the predominant transcript and has a different 5' UTR than variant 2. Variants 1 and 2 encode the same protein.</p>