

Product datasheet for **SC119572**

RPL6 (NM_000970) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL6 (NM_000970) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL6
Synonyms:	L6; SHUJUN-2; TAXREB107; TXREB1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119572 sequence for NM_000970 edited (data generated by NextGen Sequencing)

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ATGGCGGGTGAAAAAGTTGAGAAGCCAGATACTAAAGAGAAGAAACCCGAAGCCAAGAAG
GTTGATGCTGGTGCAAGGTGAAAAAGGGTAACCTCAAAGCTAAAAAGCCCAAGAAGGGG
AAGCCCCATTGCAGCCGCAACCCCTGTCCTTGTCAGAGGAATTGGCAGGTATTCGCCGATCT
GCCATGTATTCCAGAAAGGCCATGTACAAGAGGAAGTACTCAGCCGCTAAATCCAAGGTT
GAAAAGAAAAAGAAGGAGAAGGTTCTCGCAACTGTTACAAAACAGTTGGTGGTGACAAG
AACGGCGGTACCCGGGTGGTTAAACTTCGCAAAATGCCTAGATATTATCCTACTGAAGAT
GTGCCTCGAAAGCTGTTGAGCCACGGCAAAAAACCCCTCAGTCAGCACGTGAGAAAAGT
CGAGCCAGCATTACCCCGGGACCATTCTGATCATCCTCACTGGACGCCACAGGGGCAAG
AGGGTGGTTTTCTGAAGCAGCTGGCTAGTGGCTTATTACTTGTGACTGGACCTCTGGTC
CTCAATCGAGTTCCTCTACGAAGAACACACCAGAAATTTGTCATTGCCACTTCAACCAAA
ATCGATATCAGCAATGTAATAATCCCAAAACATCTTACTGATGCTTACTTCAAGAAGAAG
AAGCTGCGGAAGCCCAGACACCAGGAAGGTGAGATCTTCGACACAGAAAAAGAGAAATAT
GAGATTACGGAGCAGCGCAAGATTGATCAGAAAGCTGTGGACTCACAAATTTTACCAAAA
ATCAAAGTATTCTCAGCTCCAGGGCTACCTGCGATCTGTGTTTGTCTGACGAATGGA
ATTTATCTCACAAATTGGTGTCTAA
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Clone variation with respect to NM_000970.3



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_000970 unedited</p> <pre>GCACGAGGCTTGCAGATGGCGGGTGAAAAAGTTGAGAAGCCAGATACTAAAGAGAAGAA ACCCGAAGCCAAGAAGGTTGATGCTGGTGGCAAGGTGAAAAAGGGTAACCTCAAAGCTAA AAAGCCCAAGAAGGGGAAGCCCCATTGCAGCCGCAACCTGTCTTGTGTCAGAGGAATTGG CAGGTATTCCTGATCTGCCATGTATTCCAGAAAGGCCATGTACAAGAGGAAGTACTCAGC CGCTAAATCCAAGTTGAAAAGAAAAAGGAGAAGGTTCTCGCAACTGTTACAAAACC AGTTGGTGGTGACAAGAACGGCGGTACCCGGGTGGTAAACTTCGCAAAATGCCTAGATA TTATCCTACTGAAGATGTGCCTCGAAAGCTGTTGAGCCACGGCAAAAAACCCCTTCAGTCA GCACGTGAGAAAACCTGCGAGCCAGCATTACCCCGGGACCATTCTGATCATCCTCACTGG ACGCCACAGGGGCAAGAGGGTGGTTTTCTGAAGCAGCTGGCTAGTGGCTTATTACTTGT GACTGGACCTCTGGTCTCAATCGAGTTCCTCTACGAAGAACACACCAGATATTTGTCAT TGCCACTTCAACCAAAATCGATATCAGCAATGTAAAAATCCCAAAACATCTTACTGATGC TACTTC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_000970 unedited</p> <pre>TGGACCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTGTAGTCAGCTATT TAATTAGTTCTTAAGACATTTAGAACACCAATTTGTGAGGATAAATTCATTTCGTCAGA GCAAACACAGATCGCAGGTAGCCCTGGAGCTGAGGAATAGCTTTGATTTTTGGTAAAATT TGTGAGTCCACAGCTTTCTGATCAATCTTGCCTGCTCCGTAATCTCATATTTCTCTTTT TCTGTGTCGAAGATCTCACCTTCTGGTGTCTGGGCTTCCGCAGCTTCTTCTTCTGAAG TAAGCATCAGTAAGATGTTTTGGGATTTTACATTGCTGATATCGATTTTGGTTGAAGTG GCAATGACAAAATTTCTGGTGTGTTCTTCGTAGAGGAACTCGATTGAGGACCAGAGGTCCA GTCACAAGTAATAAGCCACTAGCCAGCTGCTTCAGGAAAACCACCCTCTTGCCCTGTGG CGTCCAGTGAGGATGATCAGAATGGTCCCGGGGTAATGCTGGCTCGCAGTTTTCTCAGC TGCTGACTGAAGGGTTTTTGGCGTGGCTCAACAGCTTTCGAGGCACATCTTCAGTAGGA TAATATCTAGGCATTTTGCGAAGTTAACCACCCGGGTACCGCCGTTCTTGTCAACACCA ACTGGTTTTGTAACAGTTGCGAGAACCTTCTCCTTCTTTTTTCTTTTTCACCTGGATTTA GCGGCTGAGTACTTCTCTTACATGGCCTTCTGGGATACATGGCAGATCGGAATACCC TGCCATTCCTCTGACAAGGACAAGTNTGCCGCTGCAATGGGGCTTCCCCTTCTTGGGCT TTTTACCTTGAGGGTACCCTTTTTACCTTTGCCAGCATTAACTTT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_000970
Insert Size:	960 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_000970.3 , NP_000961.2
RefSeq Size:	972 bp
RefSeq ORF:	867 bp
Locus ID:	6128
UniProt ID:	Q02878
Cytogenetics:	12q24.13
Domains:	Ribosomal_L6e, Ribosomal_L6e_N
Protein Families:	Transcription Factors
Protein Pathways:	Ribosome
Gene Summary:	<p>This gene encodes a protein component of the 60S ribosomal subunit. This protein can bind specifically to domain C of the tax-responsive enhancer element of human T-cell leukemia virus type 1, and may participate in tax-mediated transactivation of transcription. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (2) is the predominant variant. Variants 1, 2, 3, 4, 5, 6, and 7 encode the same isoform (1).</p>