

Product datasheet for **SC105660**

RPL27A (AY044167) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL27A (AY044167) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL27A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AY044167, the custom clone sequence may differ by one or more nucleotides

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ACTATAACGGTCCTAAGGTAGCGAGGCCTGGGTGGCGAATTCGGCAGCAGGCCAACCTCTGCTGGGACTT
TTCTATGTCTTTGGCATCATTCTGGCACCAGCAGGCAGTCTGCCAAAAATTAAGGGACAAGTAGCTCC
CCCCACGACATGTCTCCCTTTCTTAGAATATATTAAGTCAGAGTCTGAGGAAGGAATGTGATTGGC
AGTCAGGGTACTAAGCATGGGTGGGAACCTCTGCCTTATAAAAAATGTTTTTGTGTTCTTAAAGATAATA
TGTTGTTTTCTGTTTTTGTTTTTCCATTTTATGGGGAATTTAAAAACCATTCTGTATCAGAAGGTG
AATTAGCGCATGGTCTTTGTTTTATTAATAATTTCCACTAGAGGGTGTCTCAGGTCACCTTGCAGTGA
AGTGGACTTAGTTCCTCCTTGTCTGTACAAAATGTCTCCAGACTTTGTAAGGAGCTGCCCAGTTTGGC
CTCCTGTCCCAAAAGACCCTAATAACTAGGCAGAGTGTGTCTGCTTCTTCTGCTCCTGAGGATGTGC
TATGATTGGTGCCAGGCCTCACTAACACAGGGGTACCTGTCTTATTCTCAGCACCTGTGTCTGAGA
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CAGCAAGACAAGCCAAGGACTGGGAGGGAAAAAAAACCACTCTGGAGGCAACTGAGAAAATCACTGCTT
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GCCCTTTCAGTAATATCAGGAGCCCTGAAACGGTAGAGGCACTGCCATCCTTGTGGGATACTCAAAGCC
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ACTTTGGGAGGCCGAGACGGGCGGATCACGAGGTGAGGAGATCGAGACCATCTTGGCTAACACGGTGAAA
CCCCGTTTCTACTAAAAATACAAAAATTAGCCAGGCGTGTGGCGGGCGCCTGTAGTCCCAGCTACCTG
GGCGGCTGAGGCAGGAGCATGGCGTGAACCCAGGAGCGGAGCTTGCAGTGAGCTGAGATCATGCCACTG
CACTCCAACCTGGGGACACAGCAAGACTCCGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAACCCAACAT
GCCATCCAGACTGAGGAAGACCCGAAACTTAGGGGCCACGTGAGCCACGGCCACGGCCGATAGGCAAG
CACCGGAAGCACCCGGCGGCGGTAATGCTGGTGGTCTGCATCACCCCGGATCAACTTCGACAAAT
ACCACCCAGGCTACTTTGGGAAAGTTGGTATGAAGCATTACCCTTAAAGAGGAACCAGAGCTTNTGCC
AACTGTCAACCTTGACAAATTGTGGACTTTGGTCAGTGAACAGACACGGGTGAATGCTGCTAAAAACAAG
ACTGGGCTGCTCCCATCATTGATGTGGTGCATCGGGCTACTACAAAGTTCTGGGAAAGGGAAAGCTCC
CAAAGCAGCTGTATCGTGAAGCCAAATTTCTCAGCAGAAGAGCTGAGGAGAAGATTAAGAGTGTGG
GGGGCCCTGTGCTCTGGTGGCTGAAGCCACATGGAGGGAGTTTCATTAATGCTAACTACTTTAAAAA
AAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for AY044167 unedited CGGCCGCGAATTCGGCACCAGCTTTTTCTGTCTGGGCTGCCAACATGCCATCCAGACTGAG GAAGACCCGGAAACTTAGGGGCCACGTGAGCCACGGCCACGGCCCATAGGCAAGCACCG GAAGCACCCCGGGCGGCCGCGTAATGCTGGTGGTCTGCATCACCACCGGATCAACTTCGA CAAATACCACCCAGGCTACTTTGGGAAAGTTGGTATGAAGCATTACCCTTAAAGAGGAA CCAGAGCTTCTGCCCAACTGTCAACCTTGACAAATTGTGGACTTTGGTCAGTGAACAGAC ACGGGTGAATGCTGCTAAAAACAAGACGGGGGCTGCTCCCATCATTGATGTGGTGCGATC GGGCTACTACAAAGTTCTGGGAAAGGAAAGCTCCCAAAGCAGCCTGTATCGTGAAGGC CAAATTCTTCAGCAGAAGAGCTGAGGAGAAGATTAAGAGTGTGGGGGGCCTGTGTCT GGTGGCTTGAAGCCACATGGAGGGAGTTTCATTAATGCTAACTACTTTTTCAAAAAAAA AAAAAAAACCTCGACTCTAGATTGCGCCGCGGTATAGCTGTTTCTGAACAGATCC CGGGTGGCATCCCTGTGACCCCTCCCCAGTGCCTCTCCTGGCCCTGGAAGTTGCCACTCC AGTGCCACCAGCCTTGCCTAATAAAATTAAGTTGCATCATTNTGTCTGACTAGGTGTC CTTCTAT
Restriction Sites:	NotI-NotI
ACCN:	AY044167
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:	<u>AY044167.1</u>
RefSeq Size:	2402 bp
RefSeq ORF:	2402 bp
Locus ID:	6157
Cytogenetics:	11p15.4
Domains:	L15
Protein Pathways:	Ribosome

Gene Summary:

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 L15P family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, multiple processed pseudogenes derived from this gene are dispersed through the genome. [provided by RefSeq, Jul 2008]