

Product datasheet for **SC119496**

RPL27A (NM_000990) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL27A (NM_000990) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL27A
Synonyms:	L27A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119496 sequence for NM_000990 edited (data generated by NextGen Sequencing) ATGCCATCCAGACTGAGGAAGACCCGGAAACTTAGGGGCCACGTGAGCCACGGCCACGGC CGCATAGGCAAGCACCGGAAGCACCCCGCGGCCGCGGTAAATGCTGGTGGTCTGCATCAC CACCGGATCAACTTCGACAAATACCACCCAGGCTACTTTGGGAAAAGTTGGTATGAAGCAT TACCACTAAAGAGGAACCAAGAGCTTCTGCCAACTGTCAACCTTGACAAATTGTGGACT TTGGTCAGTGAACAGACACGGGTGAATGCTGCTAAAAACAAGACTGGGGCTGCTCCCATC ATTGATGTGGTGCATCGGGCTACTAYAAAGTTCTGGGAAAGGGAAAGCTCCCAAAGCAG CCTGTCATCGTGAAGCCAAATTCTTCAGCAGAAGAGCTGAGGAGAAGATTAAGAGTGTT GGGGGGCCTGTGTCCTGGTGGCTTGA Clone variation with respect to NM_000990.4 327 c=>y



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_000990 unedited GGTAACCGACTTGGATTTTGTAAATCCGACTTCACTATAGGNCGGCACGCGCAATTCGGCA CGAGGCCCTCGTGCCGAATTCGGCACGAGGGCCAACATGCCATCCAGACTGAGGAAGACCC GGAAACTTAGGGGCCACGTGAGCCACGGCCACGGCCGCATAGGCAAGCACCGGAAGCACC CCGGCGGCCGCGTAATGCTGGTGGTCTGCATCACCACCGGATCAACTTCGACAAATACC ATCCAGGGCTACTTTGGGAAAGTTGGTATGAAGCATTACCACTTAAGAGGAACAGAGCT TCTGCCCAACTGTCAACCTTGACAAATTGTGGACTTTGGTCAGTGAACAGACACGGGTGA ATGCTGCTAAAAACAAGACTGGGGCTGCTCCCATCATTGATGTGGTGCGATCGGGCTACT ATAAAGTTCTGGGAAAGGAAAGCTCCCAAAGCAGCCTGTCATCGTGAAGGCCAAATTCT TCAGCAGAAGAGCTGAGGAGAAGATTAAGAGTGTGGGGGGCCTGTGTCTGGTGGCTT GAAGCCACATGGAGGGAGTTTCATTAATGCTAACTACTTTTAAAAAAAAAAAAAAAAANAN NAAAAAAAAAAAAAAAAAAAAAAAAAACCTCGCCTCTAGATTGCGGCCGCGGTATAG CTGTTTCTGAACAGATCCCGGGTGGCATCCCTGTGACCCCTCCCAGTGCCTCTCTGG CCCTGGAAGTTGCCACTCCAGTGCCACCAGCCTTGCTTAATAAAATTAAGTTGCATCA TTTTGTCTGACTAGGTGTCTTCTATATATTATGGGGTGGAGGGTGGGGAATTGAAACC AGGGGCAAATGGGGAAACAACCTGTNGGGCCCTGCGGGGTCTATTGGGAAAC</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_000990 unedited NTAGCTTTGGACCCGCGGCCGAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTT TTTTTTTTTTTTTTTTTTTTTTTTTAAAAGGAGTTAGCATTTAATGAACTCCCTCCATGG GGCTTAAAGCCACCAGGACACAGGCCCCCAACACTTTAATCTTCTCCTCAGCTTTTT TGCTGAAAAATTTGGCCTTACAATGACAGGCTGCTTTGGGAGCTTTCCCTTTCCAAAA CTTTATAGTACCCCGATCGCCCCACATCAATGATGGGAGCAGCCCCAGTCTTGTTTTTAG CAGCATTACCCGTGTTTGTTCAGTACCAAGTCCACAATTTGTCAAGTTGACAGTGG GGCAAAAGCTCTGGTTCCTTTTTAAGGGGAAATGCTTCATACCAACTTTCCCAAAGTAGC CTGGGGGGTATTTGCCAAAGTTGATCCGGGGTGTGCAAAACCACCATCATTACCGGGGC CGCCGGGGTGCTTCCGGTGTTCCTATGCGGCCGTGGCCGGGGCTTACGGGGCCCTAA GTTTCCGGGTCTTCTCAGTCTGGATGGAATGTTGGCCCTTGCGCCGAATTCGGCACGAG GCCTCGTGCCGAATTCGCGGCCGCCCTATAGTGTGATGATACCAAAATTCGACGGTCC ACTAAACGAGCTGTGTTTATATAAATCTTCCACCGTACCCGCCTACCGGCCATTTGCGCA AAAGGGGCGGGGCTTATTACCACATNTTGGAAAGCCCGTGGATTTTGGCGCCAAAAACA AACTCCCATTTAGGTAATGGGGTGGAAACTTGAAGTCCCGGGAGCCAACCGCTTTCC CCCCCTTGGGGGACTGCCAAAACCCCTCCCCTGGTAATAGCCATGACAACCCGAAATG TCCTGGCAAGTAAGAAGTCTCTTTAGGCATTGTCCGGTCATTAT</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_000990
Insert Size:	430 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: [NM_000990.2](#), [NP_000981.1](#)

RefSeq Size: 514 bp

RefSeq ORF: 447 bp

Locus ID: 6157

UniProt ID: [P46776](#)

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]