

Product datasheet for SC119487

RPL18A (NM_000980) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL18A (NM_000980) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL18A
Synonyms:	L18A
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC119487 sequence for NM_000980 edited (data generated by NextGen Sequencing)

```
ATGAAGGCCTCGGGCAGCTACGAGAGTACAAGGTAGTGGGTCGCTGCCACCCCC
AAATGCCACACGCGCCCTCTACCGCATGCGAATCTTTGCGCCTAATCATGTCGTCGCC
AAGTCCCCTTCTGGTACTTTGTATCTCAGTTAAAGAAGATGAAGAAGTCTTCAGGGGAG
ATTGTCTACTGTGGGCAGGTGTTTGAGAAGTCCCCCTGCGGGTGAAGAACTTCGGGATC
TGGCTGCGCTATGACTCCCGGAGCGGCACCCACAACATGTACCGGGAATACCGGGACCTG
ACCACCGCAGGCGCTGTACCCAGTGTACCGAGACATGGGTGCCCGGCACCGCGCCCGA
GCCCACTCCATTCAGATCATGAAGGTGGAGGAGATCGCGGCCAGCAAGTGCCGCGGCCG
GCTGTCAAGCAGTTCACGACTCCAAGATCAAGTTCGCGCTGCCACCGGGTCTGCGC
CGTCAGACAAGCCACGCTTCACCACCAAGAGGCCAACACCTTCTCTAG
```

Clone variation with respect to NM_000980.2

5' Read Nucleotide Sequence:

```
>OriGene 5' read for NM_000980 unedited
GCACGAGGCTCGTGCCGAATTCGGCAGAGGGCGGAGAGCAGCCATGAAGGCCTCGGG
CACGCTACGAGAGTACAAGGTAGTGGGTCGCTGCCACCCCCAAATGCCACACGCC
GCCCTCTACCGCATGCGAATCTTTGCGCCTAATCATGTCGTCGCAAGTCCCGCTTCTG
TACTTTGTATCTCAGTTAAAGAAGATGAAGAAGTCTTCAGGGGAGATTGTCTACTGTGG
GCAGGTGTTTGAGAAGTCCCCCTGCGGGTGAAGAACTTCGGGATCTGGCTGCGCTATGA
CTCCCGGAGCGGCACCCACAACATGTACCGGGAATACCGGGACCTGACCACCGCAGGCGC
TGTACCCAGTGTACCGAGACATGGGTGCCCGGCACCGCGCCGAGCCCACTCCATTCA
GATCATGAAGGTGGAGGAGATCGCGGCCAGCAAGTGCCGCGGCCGCGGCTGTCAAGCAGTT
CCACGACTCCAAGATCAAGTTCGCGCTGCCACCGGGTCTGCGCCGTGAGCACAAGCC
ACGCTTACCACCAA
```



[View online »](#)

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_000980 unedited GGGGGGGCCCCCGGCCCCCCCCCCCCCGGCCCCCCCCCCCCCGNCTCTTTGCCGTTCCCTG CGATTTCTATTGGGGTCACACCCGGNCGNAGGGCCCTGCACCTANAANAAGTGTGGGCC TCTTGGTGGTGAAGCGTGGCTTGTGCTGACGGCGCAGGACCCGGTGGGGCAGCGGAACT TGATCTTGGAGTCGTGGAAGTCTTGACAGCCGGCCGGCGCACTTGCTGGCCGCGATCT CCTCCACCTTCATGATCTGAATGGAGTGGGCTCGGGCGCGGTGCCGGGCACCCATGTCTC GGTAGCACTGGGTGACAGCGCCTGCGGGCGTCAAGTCCCGGTATTCCCGGTACATGTTGT GGGTGCCGCTCCGGGAGTCATAGCGCAGCCAGATCCCGAAGTTCTTACCCGCGAGGGGG ACTTCTCAAACACCTGCCACAGTAGACAATTTCCCTGAAGACTTCTTCATCTTCTTTA ACTGACATACAAAGTACCACAACCGGGACTCGGCGACCACATGATTACGCCCAAAGATTC TCATGCGGTATAGGGCGGCCCGTGGCATTGGGGGTGGGCAGGCAGCGACCCACTACC TTGTTCTCTCGTCTCCGTGCCGATGCCTTTATGGCGTGCTTTCTCGTCTCGTGCCCG AATTCCGACCGACGCCCTATGCCGAATCCCGGGCCGCCCTTTCTGATTTTATTACA TAATTCTGACGGTTACTTAACAATTTTGTATTTTACCTTCCATCGTTCACCCCTA CCCGCCCTTGCCTCATCGGGGGGGGTCTTACCTCTTTTGGGAAATCCCTTTGTTT TTTCGTGCTTAACCAAACCTTCCCTTGACCTCCACGCCTGCCGCGCACCTGGCCAATACT CCCGAATCACATCCTTTCTC
Restriction Sites:	NotI-NotI
ACCN:	NM_000980
Insert Size:	700 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_000980.2 , NP_000971.1
RefSeq Size:	618 bp
RefSeq ORF:	531 bp
Locus ID:	6142
UniProt ID:	Q02543
Cytogenetics:	19p13.11
Domains:	Ribosomal_L18ae
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 member of the L18AE family of ribosomal proteins that is a component of the 60S subunit. The encoded protein may play a role in viral replication by interacting with the hepatitis C virus internal ribosome entry site (IRES). This gene is co-transcribed with the U68 snoRNA, located within 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]