

Product datasheet for SC119526

RPS15A (NM_001019) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPS15A (NM_001019) Human Untagged Clone
Tag: Tag Free
Symbol: RPS15A
Synonyms: DBA20; S15a
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_001019 edited
 ATGGTGCGCATGAATGTCCTGGCAGATGCTCTCAAGAGTATCAACAATGCCGAAAAGAGA
 GGCAAACGCCAGGTGCTTATTAGGCCGTGCTCCAAAGTCATCGTCCGGTTTCTCACTGTG
 ATGATGAAGCATGGTTACATTGGCGAATTTGAAATCATTGATGACCACAGAGCTGGGAAA
 ATTGTTGTGAACCTCACAGGCAGGCTAAACAAGTGTGGGGTGATCAGCCCCAGATTTGAC
 GTGCAACTCAAAGACCTGGAAAAATGGCAGAATAATCTGCTTCCATCCC GCCAGTTTGGT
 TTCATTGTACTGACAACCTCAGCTGGCATCATGGACCATGAAGAAGCAAGACGAAAAAC
 ACAGGAGGGAAAAATCCTGGGATTCTTTTCTAG

5' Read Nucleotide Sequence: >OriGene 5' read for NM_001019 unedited
 TAATACGACTCACTATAGGGCGGCCGAATTCGGCACGAGGTTTCCGCGCCGCCACAAT
 GGTGCGCATGAATGTCCTGGCAGATGCTCTCAAGAGTATCAACAATGGCCGAAAAGAGAG
 GCAAACGCCAGGTGCTTATTAGGCCGTGCTCCAAAGTCATCGTCCGGTTTCTCACTGTGA
 TGATGAAGCATGGTTACATTGGCGAATTTGAAATCATTGATGACCACAGAGCTGGGAAA
 TTGTTGTGAACCTCACAGGCAGGCTAAACAAGTGTGGGGTGATCAGCCCCAGATTTGACG
 TGCAACTCAAAGACCTGGAAAAATGGCAGAATAATCTGCTTCCATCCC GCCAGTTTGGT
 TCATTGTACTGACAACCTCAGCTGGCATCATGGACCATGAAGAAGCAAGACGAAAAACACA
 CAGGAGGGAAAAATCCTGGGATTCTTTTCTAGGGATGTAATACATATATTTACAAATAAA
 ATGCCTCATGGACTCTGAAA
 AACCTCGCTTTTAAATGGGGGCCG
 GGGTCTTAGTTGTTTCTTGAAAAATCCC GGGGGATTCTTGTAACCCCTCCCCAGGGC
 CTTTCTGGCCTTGAAAGTTGCCACTTCAGGGCCAACAGCTTTGGCCAAAAAATAAA
 GTGCATATTTTGGCTGAACAAGGGCCCTTCTATAATTTATGGGGGAGGGGGGGTGG
 TTTGGGACAAGGGCCATTTTGAGAAAAACTGGTAGGCTGGGGGGGTTCATTGGAAAC
 AATCTGGAGTGCAGGGCCATTTTGGTTATTGCANTTTTCGCTTCTGGTTTAAACGATTTT
 CTGCTACCCCCGAGTTGGGGTTCCCGCTTGCTGACCGCTACTATTTT



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|-------------------------------------|--|
| 3' Read Nucleotide Sequence: | >OriGene 3' read for NM_001019 unedited AGGAAACTGGGGGAGNCTAGTCTTCCGTCAATGTAGTATTACATACCCTANAAAAANATC CCAGATTTTTTCTCCTGTGTGTTTTCGTCTTGCTTCTTCATGGTCCATGATGCCAGCTGA GGTTGTCAGTACAATGAAACCAAACTGGCGGGATGGAAGCAGATTATTCTGCCATTTTC CAGGTCTTTGAGTTGCACGTCAAATCTGGGGCTGATCACTCCTACGTGTTAGCCTGCCT GTGAGGTTCAACAATTTTCCAGCTCTGTGGTCATCAATGATTTCAAATTCGCCAATG TAACCATGCTTCATCATCACAGTGAGAAACCGGACGATGACTTTGGAGCACGGCCTAATA AGCACCTGGCGTTTGCCTCTTTTTCGGCATTGTTGATACTCTTGAGAGCATCTGCCAGG ACATTCATGCGCACCAATTGTGGCGGCGCGAAACCTCGTGCCGAATTCGCGGCGCCCTA TAGTGAGTCGTATTACAAAATTCTGACGGTTCACTAAACGAGCTCTGCTTATATAGACCT CCCACCGTACACGCCTACCGNCCATTTGCGTCAACGGGGCGGGTTATCACGACATTTTG GAAAGTCCCGTTGATTTTGGTGCCAAAACAACTCCCATTGACGTCAATGGGGCGGGAGA CTTGGAATCCCCCGGAGTCAAACCGCCTTCCACGCCATTGGTGGTCTGCCTAAACCG CATCACCTGGTTATAGTCCCGCTTATGCGTTACATGCTCCTGGCCTAGTTGGCAAGTCC CGTANGGCGATGGTCCGGCGCTTATTGCCCGCCGGGCGCTTTTCCGTTATTGACGCCTT AAGCGGGCGGCCTCGGCCTCTGTACACCTCTGTTGCACTGCGCAGGGGCCGGTTCTCCGT AATTCACCACCATCCGCGATAATGGAT |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_001019 |
| Insert Size: | 560 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_001019.4 , NP_001010.2 |
| RefSeq Size: | 554 bp |
| RefSeq ORF: | 393 bp |
| Locus ID: | 6210 |
| UniProt ID: | P62244 |
| Cytogenetics: | 16p12.3 |
| Domains: | Ribosomal_S8 |
| 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 40S subunit. The protein belongs to the S8P family of ribosomal proteins. It is located in the cytoplasm. 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]

Transcript Variant: This variant (2) is the longest transcript and utilizes an alternate splice site on the 5'-terminal exon, compared to variant 1. Variants 1 and 2 encode the same protein.