

Product datasheet for **SC126177**

RPL23A (BC060042) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL23A (BC060042) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL23A
Synonyms:	RPL23A_25_1182
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene sequence for BC060042 edited GGGTGCAGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAAGCCAAGGTGGGTAGATCAT TTGAGGTCAGGAGTTCGAGACCAGTTTGGCCAACATGGTGACACCCTATCTCTACGAAAA ATACAAAATCAGCCCCTTTTACAAGATGGCACCAAAAGCTAAGAAGGAAGCTCCTGCC CCTCCTAAAGCCAAGCAAGGCTCTGAAGGCCAAGAAGGCAGTGTGAAAGGTGCCACA GCCACAAAAAAGAAGATCCGCGTATCACTAGCCTTCTGGCGGCCAAGACATTGCGAC TCCGGAGGCAGTGCAAATATCTTAAGAGCACCCCAGGAGAAACAAGCTTGACCACTATG CATCATCAAGTTTCTCTGACCACTGAGTCTCCCATGAAGAAGACAGAAGACAACAACGC ACTTGTGTTCACTGTGAATGTTAAAGCCAACAAGCACCAAGAAGCTCTATGACACTGA TGTGGCCAAGGTCAACACCCTGATTCGGCCTGATGGAGAGAAGGAACATGTTGACTGGC TCCTGATTACAATGCTTTGGATGTTGCCAACAATAAGGATCATCTCAACTGAGTCCAG TTGGCTAATTCTAAATATATGTATATCTTTTACCATTAAAAA



[View online »](#)

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for BC060042 unedited</p> <pre>TCATTATTTGTATACGACTCACTATAGGCGGCCGCGTAATTCCGCCATTACGGCCGGGTGC AGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAAGCCAGGTGGGTAGATCATTTGAGGT CAGGAGTTCGAGACCAGTTTGGCCAACATGGTGACACCCTATCTCTACGAAAAATACAAA AATCAGCCCCTTTTACAAAGATGGCACCAAAAAGCTAAGAAGGAAGCTCCTGCCCTCCTA AAGCCAAAGCAAGGCTCTGAAGGCCAAGAAGGCAGTGTTGAAAGGTGTCCACAGCCACAA AAAAAGAAGATCCGCGTATCACTAGCCTTCTGGCGGCCCAAGACATTGCGACTCCGGAG GCAGTGCAAATATCTTAAGAGCACCCCAAGGAGAAACAAGCTTGACCACTATGCATCATC AAGTTTCTCTGACCACTGAGTCTCCCATGAAGAAGACAGAAGACAACAACGCACTTGTG TTCAGTGTGAATGTTAAAGCCAACAAGCACCAGAAGAAGCTCTATGACACTGATGTGGCC AAGGTCAACACCCTGATTCGGCCTGATGGAGAGAAGGAACATGTTGACTGGCTCCTGAT TACAATGGCTTTGGATGTTGCCACAAAATAGGGATCATCCTCAACTGAGTCCAGTTGGC TAATTCTAAAATATGTATATCCTTTTACCTTAAAAAATAATCAAGGCATGGTGGCG CCAGCCCTGGAAATTTTTTTTTTAAAGGGGAAAAAAAAATAAAAAAAAAAAAACCTGGT TGCCGCCTGGCCCTCACTTTGATTGGGGCCCGGCAAAATTGTTCTCGAGAAAACCCGG TGGGACCCCGGAACCTCCCAGGGCCTTCGGCCCGGAAGGGCCACTTCTGCCAACACC CTGGGCAAAAAAAAAATGGCGATTTTTCCGAAGGGGCCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	BC060042
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:	BC060042.1
RefSeq Size:	648 bp
Locus ID:	6147
Cytogenetics:	17q11.2
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 L23P family of ribosomal proteins. It is located in the cytoplasm. The protein may be one of the target molecules involved in mediating growth inhibition by interferon. In yeast, the corresponding protein binds to a specific site on the 26S rRNA. This gene is co-transcribed with the U42A, U42B, U101A, and U101B small nucleolar RNA genes, which are located in its third, first, second, and fourth introns, respectively. 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]