

Product datasheet for SC126938

RPL11 (NM_000975) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL11 (NM_000975) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL11
Synonyms:	DBA7; GIG34; L11; uL5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126938 sequence for NM_000975 edited (data generated by NextGen Sequencing) ATGGCGCAGGATCAAGGTGAAAAGGAGAACCCCATGCGGGAACCTCGCATCCGCAAACCT TGCTCAACATCTGTGTTGGGGAGAGTGGAGACAGACTGACGCGAGCAGCAAGGTGTTG GAGCAGCTCACAGGGCAGACCCCTGTGTTTTCCAAAGCTAGATACACTGTCAGATCCTTT GGCATCCGGAGAAATGAAAAGATTGCTGTCCACTGCACAGTTCGAGGGGCAAGGCAGAA GAAATCTTGAGAAAGGTCTAAAGGTGCGGGAGTATGAGTTAAGAAAAACAACCTTCTCA GATACTGGAACTTTGGTTTTGGGATCCAGGAACACATCGATCTGGGTATCAAATATGAC CCAAGCATTGGTATCTACGGCCTGGACTTCTATGTGGTGTGGGTAGGCCAGGTTTCAGC ATCGCAGACAAGAAGCGCAGGACAGGCTGCATTGGGCAACACAGAATCAGCAAAGAG GAGGCCATGCGCTGGTTCAGCAGAAGTATGATGGGATCATCCTTCTGGCAAATAA
5' Read Nucleotide Sequence:	Clone variation with respect to NM_000975.3 >OriGene 5' read for NM_000975 unedited ATATAAGCAGAGCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGC GGCCGGAATTCGGCACGAGGCTCCATCATGGCGCAGGATCAAGGTGAAAAGGAGAACCC CATGCGGGAACCTCGCATCCGCAAACCTGTCTCAACATCTGTGTTGGGGAGAGTGGAGA CAGACTGACGCGAGCAGCAAGGTGTTGGAGCAGCTCACAGGGCAGACCCCTGTGTTTT CAAAGCTAGATACACTGTCAGATCCTTTGGCATCCGGAGAAATGAAAAGATTGCTGTCCA CTGCACAGTTCGAGGGGCAAGGCAGAAGAAATCTTGAGAAAGGGTCTAAAGGTGCGGGA GTATGAGTTAAGAAAAACAACCTTCTCAGATACTGGAACTTTGGTTTTGGGATCCAGGA ACACATCGATCTGGGTATCAAATATGACCAAGCATTGGTATCTACGGCCTGNACTTCTA TGTGGTGTGGGTAGGCCAGGTTTCAGCATCGCAGACAAGAAGCGCAGGACAGGCTGCAT TGNGGCCAAACACAGAATCAGCAAAGAGGAAGCCATGCGCTGGTTCAGCAGAAGTATGA TGGGATCATCCTTCTGGNCAAATAATTCCCGTTTCTATC
Restriction Sites:	NotI-NotI



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ACCN:	NM_000975
Insert Size:	4700 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_000975.2 , NP_000966.2
RefSeq Size:	609 bp
RefSeq ORF:	537 bp
Locus ID:	6135
UniProt ID:	P62913
Cytogenetics:	1p36.11
Domains:	Ribosomal_L5
Protein Pathways:	Ribosome
Gene Summary:	<p>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 L5P family of ribosomal proteins. It is located in the cytoplasm. The protein probably associates with the 5S rRNA. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Dec 2010]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>