

Product datasheet for **SC330851**

RPL18 (NM_001270490) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPL18 (NM_001270490) Human Untagged Clone
Tag: Tag Free
Symbol: RPL18
Synonyms: DBA18; L18
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330851 representing NM_001270490.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTATACAGGTTTCTGGCCAGAAGAACCAACTCCACATTCAACCAGGTTGTGTTGAAGAGGTTGTTT
 ATGAGTCGCACCAACCGGCCCTCTGTCCCTTCCCGGATGATCCGGAAGATGAAGCTTCTGGCCGG
 GAAAACAAGACGGCCGTGGTTGTGGGGACCATAACTGATGATGTGCGGGTTCAGGAGGTACCCAACTG
 AAGGTATGTGCACTGCGCGTGACCAGCCGGGCCGAGCCGCATCCTCAGGGCAGGGGGCAAGATCCTC
 ACTTTCGACCAGCTGGCCCTGGACTCCCCTAAGGGCTGTGGCACTGTCTGCTCTCCGGTCTCGCAAG
 GGCCGAGAGGTGTACCGCATTTTCGGCAAGGCCCCAGGAACCCCGCACAGCCACACCAAACCTACGTC
 CGCTCCAAGGGCCGAAGTTCGAGCGTGCCAGAGGCCGACGGGCCAGCCGAGGCTACAAAAC**TAA**

Restriction Sites: SgfI-MluI

ACCN: NM_001270490

Insert Size: 480 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).


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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:	<u>NM_001270490.1</u>
RefSeq Size:	806 bp
RefSeq ORF:	480 bp
Locus ID:	6141
UniProt ID:	<u>Q07020</u>
Cytogenetics:	19q13.33
Protein Pathways:	Ribosome
MW:	18.1 kDa
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 member of the L18E family of ribosomal proteins that is a component of the 60S subunit. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]</p> <p>Transcript Variant: This variant (2) lacks an exon in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.</p>