

Product datasheet for **SC330299**

RPL15 (NM_001253384) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPL15 (NM_001253384) Human Untagged Clone
Tag: Tag Free
Symbol: RPL15
Synonyms: DBA12; EC45; L15; RPL10; RPLY10; RPYL10
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330299 representing NM_001253384.
Blue=Insert sequence **Red**=Cloning site **Green**=Tag(s)

ATGGGTGCATACAAGTACATCCAGGAGCTATGGAGAAAGAAGCAGTCTGATGTCATGCGCTTTCTTCTG
AGGGTCCGCTGCTGGCAGTACCGCCAGCTCTGCTCTCCACAGGGCTCCCCGCCACCCGGCCTGAT
AAAGCGCGCCGACTGGGCTACAAGGCCAAGCAAGGTTACGTTATATATAGGATTCGTGTTCCGCGTGGT
GGCCGAAAACGCCAGTTCCTAAGGGTGCAACTTACGGCAAGCCTGTCCATCATGGTGTTAACCAGCTA
AAGTTTGCTCGAAGCCTTCAGTCCGTTGCAGAGGAGCGAGCTGGACGCCACTGTGGGGCTCTGAGAGTC
CTGAATTCCTACTGGATGGAGTCTCACTCTCACTCAGTGGGAGTGCAGTGGGGCAATCACGGCTCACT
GCAACCTCTGTCTCCCGGTT**TGA**

Restriction Sites: SgfI-MluI
ACCN: NM_001253384
Insert Size: 438 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_001253384.1</u>
RefSeq Size:	2860 bp
RefSeq ORF:	438 bp
Locus ID:	6138
UniProt ID:	<u>P61313</u>
Cytogenetics:	3p24.2
Protein Pathways:	Ribosome
MW:	16.7 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 four RNA species and approximately 80 structurally distinct proteins. This gene encodes a member of the L15E family of ribosomal proteins and a component of the 60S subunit. This gene shares sequence similarity with the yeast ribosomal protein YL10 gene. Elevated expression of this gene has been observed in esophageal tumors and gastric cancer tissues, and deletion of this gene has been observed in a Diamond-Blackfan anemia (DBA) patient. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Mar 2017]</p> <p>Transcript Variant: This variant (6) includes an alternate exon in the 3' UTR and coding region, which results in a frameshift, compared to variant 1. The resulting protein (isoform 2) has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>