

Product datasheet for **SC330460**

RPL10 (NM_001256577) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPL10 (NM_001256577) Human Untagged Clone
Tag: Tag Free
Symbol: RPL10
Synonyms: AUTSX5; DXS648; DXS648E; L10; MRXS35; NOV; QM
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330460 representing NM_001256577.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

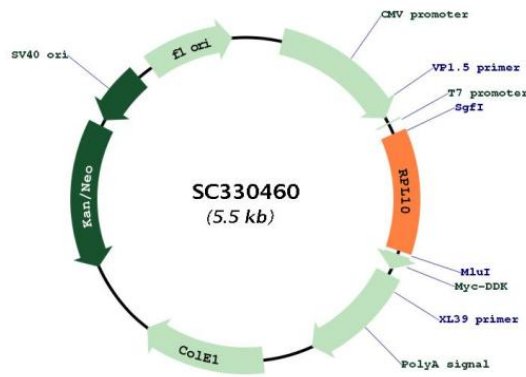
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ATGGGCCGCCCGCCCGCCGTTGTTACCGGATTGTAAGAACAAGCCGTACCCAAAGTCTCGCTTCTGC
CGAGGTGTCCTGATGCCAAGATTCGCATTTTTGACCTGGGGCGGAAAAAGGCAAAGTGGATGAGTTT
CCGCTTTGTGGCCACATGGTGTGAGATGAATATGAGCAGCTGTCTCTGAAGCCCTGGAGGCTGCCGA
ATTTGTGCCAATAAGTACATGGTAAAAAGTTGTGGCAAAGATGGCTTCCATATCCGGGTGCGGCTCCAC
CCCTTCCACGTCATCCGCATCAACAAGATGTTGCTGTGCTGGGGCTGACAGATCCACATCTCAAAGA
AGTGGGGCTTACCAAGTTCAATGCTGATGAATTTGAAGACATGGTGGCTGAAAAGCGGCTCATCCCAG
ATGGCTGTGGGGTCAAGTACATCCCAATCGTGGCCCTCTGGACAAGTGGCGGGCCCTGCACTCATGAG
GGCTTCCAATGTGCTGCCCCCTCTTAATACTACCAATAAATTCTACTTCTGTCCACCTATGTCTTT
GTATCTACATTCTTGACGGGGAAGGAACCTTCTCTGGGAACCTTTGGGTGATTGCCCTTTCACCTCAGA
AACAGGTTGACAACCTCAGCCCTGCTCATGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001256577

Insert Size: 651 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_001256577.1
RefSeq Size:	2172 bp
RefSeq ORF:	651 bp
Locus ID:	6134
UniProt ID:	P27635
Cytogenetics:	Xq28
Protein Families:	Druggable Genome
Protein Pathways:	Ribosome
MW:	24.2 kDa
Gene Summary:	<p>This gene encodes a ribosomal protein that is a component of the 60S ribosome subunit. The related protein in chicken can bind to c-Jun and can repress c-Jun-mediated transcriptional activation. Some studies have detected an association between variation in this gene and autism spectrum disorders, though others do not detect this relationship. There are multiple pseudogenes of this gene dispersed throughout the genome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon in the 3' coding region, which results in a frameshift, compared to variant 1. The encoded isoform (b) has a distinct, longer C-terminus than isoform a.</p>