

## Product datasheet for **SC330461**

### RPL10 (NM\_001256580) Human Untagged Clone

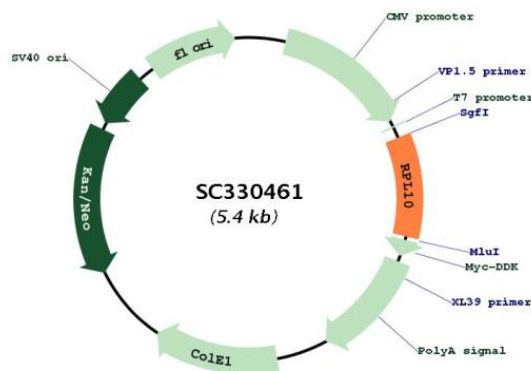
#### Product data:

Product Type:	Expression Plasmids
Product Name:	RPL10 (NM_001256580) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL10
Synonyms:	AUTSX5; DXS648; DXS648E; L10; MRXS35; NOV; QM
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330461 representing NM_001256580. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGCCGCCCGCCCGCCGTTGTTACCGGTATTGTAAGAACAAGCCGTACCCAAAGTCTCGCTTCTGC
CGAGGTGTCCTGCCCTGGAGGCTGCCCGAATTTGTGCCAATAAGTACATGGTAAAAAGTTGTGGCAAA
GATGGCTTCCATATCCGGGTGCGGCTCCACCCCTTCCACGTCATCCGCATCAACAAGATGTTGTCCTGT
GCTGGGGCTGACAGGCTCCAACAGGCATGCGAGGTGCCTTTGAAAGCCCCAGGGCACTGTGGCCAGG
GTTACATTGGCCAAGTTATCATGTCCATCCGCACCAAGCTGCAGAACAAGGAGCATGTGATTGAGGCC
CTGCGCAGGGCCAAGTTCAAGTTTCTGGCCGCCAGAAGATCCACATCTCAAAGAAGTGGGGCTTACC
AAGTTCAATGCTGATGAATTTGAAGACATGGTGGCTGAAAAGCGGCTCATCCAGATGGCTGTGGGGTC
AAGTACATCCCCAATCGTGGCCCTCTGGACAAGTGGCGGGCCCTGCACCTATGA
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Restriction Sites: SgfI-MluI

Plasmid Map:



[View online »](#)

<b>ACCN:</b>	NM_001256580
<b>Insert Size:</b>	537 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001256580.1</a>
<b>RefSeq Size:</b>	2227 bp
<b>RefSeq ORF:</b>	537 bp
<b>Locus ID:</b>	6134
<b>UniProt ID:</b>	<a href="#">P27635</a>
<b>Cytogenetics:</b>	Xq28
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Ribosome
<b>MW:</b>	20.5 kDa
<b>Gene Summary:</b>	<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 (3) lacks an alternate exon in the 5' coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (c) is shorter than isoform a.</p>