

Product datasheet for **SC116356**

RPL10 (NM_006013) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	RPL10 (NM_006013) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL10
Synonyms:	AUTSX5; DXS648; DXS648E; L10; MRXS35; NOV; QM
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC116356 sequence for NM_006013 edited (data generated by NextGen Sequencing) ATGGGCCCGCCCGCCCGTTGTTACCGGTATTGTAAGAACAAGCCGTACCCAAAGTCT CGCTTCTGCCGAGGTGTCCCTGATGCCAAGATTCGCATTTTTGACCTGGGGCGGAAAAAG GCAAAAGTGGATGAGTTTCCGCTTTGTGCCACATGGTGTGAGATGAATATGAGCAGCTG TCCTCTGAAGCCCTGGAGGCTGCCGAATTTGTGCCAATAAGTACATGGTAAAAAGTTGT GGCAAAGATGGCTTCCATATCCGGGTGCGGCTCCACCCCTCCACGTCATCCGCATCAAC AAGATGTTGTCTGTGCTGGGGCTGACAGGCTCCAAACAGGCATGCGAGGTGCCTTTGGA AAGCCCCAGGGCACTGTGGCCAGGGTTCACATTGGCCAAGTTATCATGTCCATCCGCACC AAGCTGCAGAACAAGGAGCATGTGATTGAGGCCCTGCGCAGGGCCAAGTTCAAGTTTCT GGCCGCCAGAAGATCCACATCTCAAAGAAGTGGGGCTTACCAAGTTCAATGCTGATGAA TTTGAAGACATGGTGGCTGAAAAGCGGCTCATCCAGATGGCTGTGGGGTCAAGTACATC CCCAGTCTGGCCCTCTGGACAAGTGGCGGCCCTGCACTCATGA Clone variation with respect to NM_006013.3 605 a=>g



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006013 unedited
 GATTTTGTAAACGACTTACTATAGGGCGGCCGCATTCCGGCACGAGGGTGTCCGCATG
 GGCCGCCGCCCGCCCGTTGTTACCGGTATTGTAAGAACAAGCCGTACCCAAAGTCTCGC
 TTCTGCCGAGGTGTCCTGATGCCAAGATTGCAATTTTACCTGGGGCGGAAAAAGGCA
 AAAGTGGATGAGTTTCCGCTTTGTGGCCACATGGTGTGAGATGAATATGAGCAGCTGTCC
 TCTGAAGCCCTGGAGGCTGCCCGAATTTGTGCAATAAGTACATGGTAAAAAGTTGTGGC
 AAAGATGGCTTCCATATCCGGGTGCGGCTCCACCCCTTCCACGTATCCGCATCAACAAG
 ATGTTGTCTGTGCTGGGGCTGACAGGCTCCAAACAGGCATGCGAGGTGCCTTTGGAAAG
 CCCCAGGGCACTGTGGCCAGGGTTCACATTGGCCAAGTTATCATGTCCATCCGCACCAAG
 CTGCAGAACAAAGGAGCATGTGATTGAGGCCCTGCGCAGGGCCAAGTTCAAGTTTCTTGGC
 CGCCAGAAGATCCACATCTCAAAGAAGTGGGGCTTACCAAGTTCAATGCTGATGAATTT
 GAAGACATGGTGGCTGAAAAGCGGCTCATCCCAGATGGCTGTGGGGTCAAGTACATCCCC
 AGTCGTGGCCCTCTGGACAAGTGGCGGGCCCTGCACTCATGAGGGCTTCCATGTGCTGC
 CCCCCTTATACTACCAATAATTCTACTTCTGTNCNCCTNNNNNAANNNNNCCNNNN
 CCNNCACCCCAACACAAAAAACTTGACTTTAAATTGCGGCCGGGTATATGTGTTTCC
 TGACAAAACCCGGTGGCATCCCTGTGACCCCTCCAAGCCTCTCCTGGCCCTGAAGTTGC
 CCTCCAGGCCACAGCCTTGCTATTAATAAATTGCACATTTTTCTGACTAGGGCCTTT
 TT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006013 unedited
 NNTTCCCCCCCCCGCCCTCCCTCGCCTCCTTACTTAGCCCGCGCCGCATACTANGAT
 CGAGCTTTAGGGGACAGG
 AAGTAAATTTATTGGTGAAGTATTAAGGGGGGCGAGCACATTGGAAGCCCTCATGAGTG
 CAGGGCCCGCCACTTGTCAAAGGGCCAGACTGGGGATGACTTGACCCACAGCCATT
 TGGGATGAGCCGCTTTTCAAGCCACCATGTCTTCAAATTCATCACCATTGAACTTGGTGAA
 CCCCCACTTTTTTGAATGGGGATTTTTTGGCGGCCAGGAAACTTGAAGTTGGCCCTGCC
 CAGGGCCTTAATCACATGCTCCTTGTCTGCCCTTGGTGCAGGATGGACATGATAACTTG
 GCCAATGGGAACCCTGGCCACAGTGCCTGGGGCTTCCAAAGGCACCTTGAATGCCTGT
 TTGGAGCTGTGACCCCAACAGGACAACATTTTGTGATGCGGATGACCCGGAAGGG
 GTGGACCCCAACCCGATATTGGAAGCCATTTTGGCACCCTTTTTCCCTGACTTA
 TTGGCACACAATTCGGCACCTTCAAGGGCTTAAAGGACACTTGTATTTTAAATTTTGA
 CCCCCTTGTGGCCCAACCCGGGAACCTATCCACTTTTGGCCCTTTTCCCCCAAGTT
 CAAAACGGCAAATTTGGCATTCAAGGCCACCCCGTTTAAACACCAACCTTCTGTCTCCG
 GCTTGGTTCTCTCATTCCCGCTACCACTGCCGGTGGGGGGGCCAACGGAAAACCCCC
 TTTTGCCTAAATCCCGCCCCCTTAAATGGGGTCGATAAACAATTCGGACCGTTATT
 ATACCACCTTCTGTTTTN

Restriction Sites:

NotI-NotI

ACCN:

NM_006013

Insert Size:

730 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_006013.2 , NP_006004.1
RefSeq Size:	2188 bp
RefSeq ORF:	645 bp
Locus ID:	6134
UniProt ID:	P27635
Cytogenetics:	Xq28
Domains:	Ribosomal_L10e
Protein Families:	Druggable Genome
Protein Pathways:	Ribosome
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 (1) encodes isoform a. Variants 1, 4, and 5 encode the same isoform (a).</p>