

Product datasheet for **SC201483**

RPL14 (NM_001034996) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RPL14 (NM_001034996) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPL14
Synonyms:	CAG-ISL-7; CTG-B33; hRL14; L14; RL14
ACCN:	NM_001034996
Insert Size:	2000 bp



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Insert Sequence: >SC201483 3'UTR clone of NM_001034996
 The sequence shown below is from the reference sequence of NM_001034996. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTCCAAAGGCATCTGGCAAGAAAGCATAAAGTGGCAATCATAAAAAGTAATAAAGTTCTTTTTGACCT
GTTGACAAATGTATTTAAGCCTTTGGATTAAAGCCTGTTGAGGCTGGAGTTAGGAGGCAGATTGATAG
TAGGATTATAATAAACATTAAATAATCAGTTCCTTTTTTTTTTTTTTTTTTTTGGAGATGGAGTCTCGT
TCTGTTGCTCAGGCCGACTGCAGTGGCGCTATCTCGGCTCACTGTAAGTTCCACCTCCCGGGTTTCATG
CCATTCTCCTGCCTCAGCCTCCTGAGCAGCTGGGACTACAGGTGCCCGCCACCAGCGCCTGGCTAATTTT
TTGATTTTTAGTAGAGACGGGGTTTACCCTGTTAGCCAGGATGGTCTCGCTCTCCTGACCTCGTGAT
CCGCCCGCCTCGCCTCCCAAAGTCTAGGATTGCAGGCATGAGCCGCCCGCCTGGCTAAATAATCA
GTTCTTTAATCTCACTCTCTGCCATACTTGGATAGGTAGTGCAAATCATTGCAGTCATAATTGATCA
TGTCATGAGAAATCATGATAACTTAGAACACCAAGTGACACAAGTGACATTTTTTTCTTATGGTCACCT
TGGCTTCAGAACATCTTTTTTCTTGTACAAATATGTTTGCCATAAATAGGTAAGTGACAGCCTCTTG
ATGCTCAAGAGTCTAGCAGATTTATTTATTTATTTTTTTTTTTTTTGGAGACAGAGTCTTGCTGTG
TTGCCAGGCTGGAGTGCAGTGGTGCATCTCAGCTCCCTCCACCTTCCGGGTTCAAGTGATTCTCCTG
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CAGAGCGGGGATTATAGGCATGGGCCACTGCACCTGGCCTTTTTTTGTTTTTTTGGAGACAGAGTCTTG
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TTGATTTTTAGTGGAGATGGGGTTTACCATGTTGCCATGCTGGTCTCGAGCTCCTGACCTCAGGTG
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TTCTTATAAAAAGTAAACTAGGAAAATAGGGCAAGTATAAAAATGCAGGTTGAGCATATTTCTAATCC
AAAAAGCTCTAACCTCTGAAACTGAGCTATGACACTACAATTTAAAAATCCCTAGCCTACCCGCATGGT
GGGTTATGGTCAAATACAGGTACACAGCACTATTCAGTGTCCCTGAGGAAGAAATAGTTAACCTTCAG
GGTACATGTATATGAAGCATAAATGAATTTCTGTATAGACCTAGGTCCCATCCCAAAGTGCATGTA
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GTATAGTAGGTTGGACTTCTGTTTCTCTACCACAAGATACAGGTAATTTGGGGCAGTAAAGATCCT
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AGCCTTACTCTTGCCAGGCTGGAATGTAGTGGCAGGATCTCAGCTCACTGCGACCTCCACCTCCAGG
TTCAAGTTGTTCTGCCTCAGCCTCCCAAGTAGCAGGGGTTAAATGCGTGTACCACCATGCCCTCTAAT
ATTGTATTAGAGATGGGGTTTTGCCATGTCAGCCAGACTGGTCTTGAACCTCCTGACCTCAGGTGATCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001034996.3](#)

Summary:

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 ribosomal protein that is a component of the 60S subunit. The protein belongs to the L14E family of ribosomal proteins. It contains a basic region-leucine zipper (bZIP)-like domain. The protein is located in the cytoplasm. This gene contains a trinucleotide (GCT) repeat tract whose length is highly polymorphic; these triplet repeats result in a stretch of alanine residues in the encoded protein. Transcript variants utilizing alternative polyA signals and alternative 5'-terminal exons exist but all encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]

Locus ID:

9045

MW:

74.6