

Product datasheet for **SC200165**

RPS14 (NM_005617) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RPS14 (NM_005617) Human 3' UTR Clone
Symbol:	RPS14
Synonyms:	EMTB; S14
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005617
Insert Size:	1681 bp



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Insert Sequence: >SC200165 3'UTR clone of NM_005617
The sequence shown below is from the reference sequence of NM_005617. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
AAGGGGGGTGCGCGTGGTCGCCGTCTGTAACAAGATTCCCTCAAAATATTTTCTGTTAATAAATTGCCT
TCATGTAAACTGTTTCAACTCCAGCCTTCTCTCCTTCATCAGGGGCTACTCAGGCATTTGATTTCTTCC
TCCTATTTGGCTTCTTGGGAGAAAGGAGCCTGAGGAGAGCTGAGATCCTGGTGCTGCATTTGGGGTCTT
TTCCATGCTACTTGCGGCATTAAGTTGCCTTGGTCATCTAAAGCAGACCAAGGCGTTGGAGACCTCGTT
TTGAGTGGAGATGCTGGTTCTAAATATGGACCAATTCTTAAAGAGCCAGAGTGGGAAGTGTGATCCAA
GTGTAGCCTGAAGCGAAAGAGGAGCCTCCAGACCCATGCCATATATAACACACGTGGGTGTGCATTC
TCCCCCACACCTTCTGTGCAAAGCTGGGAGCTCACTCCACTGCGTCTTGCTTTTTTCACTTGGCAGA
TCTTGGAGATTGTTCCACATCAGTACATAAAGTACATAAAGATTGTCACCCACAAATACACACCAAGT
CCTATTTTCATCAGCGATAAAAAAGAAAAGTTCTTGCTTTCCGGAAGCTTGATGCGGCTCTGAGTACC
CAGTGACACCAGATGGTACTCAGCGTTTTGCAAGGGATTACCACAAGGCCCGTGATGGTGCCTGCCAT
GGTTAGGACAGGCTGGTGGCTGGGTAGGGTTAGTGAGACCCAGTGGAGAGGATGCTGTGTGCACAGGC
TGGAGAGGTGAGACCATTTAGGTAGTCAGTTGTAGAGGAAAGAAACCAGCAAGAGGGGAAAATCTGTTG
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CAAGGGGTTACTGTGATGAGCGCGCTTGGTTACATGCCAAACCTTGCTAGGGATTTTAATAACAACAT
TGAATCTTAACCTGATGAAATAACAGTACTCCTGGGAGGCGGGAGGGATAGCATTAGGAGATATACCT
AATGCTAAATGACGAGTTAATGGGTGCAGCACACCAACATGGCACATGTATACATATGTAACAAACCTG
CACGTTGTGCACATGTACCCTAAACCTTAAAGTATAATAAAAAAAAAAAGCTTGCAAAAAAAAAATATAAC
AGTACTCCTTAAATTGTTAAAGTCATGAAAGTCAAGGACAGGAGATTAAAGGAGCGTGAAAATAAT
GCCCATTTGGTATCCTGGATTGGATTCTGGAACCAGAATAGGGTATTAGTATAAAAACTAGTGAATA
GGATAAAGGCAGGGCACAGTGGTTCACGCCTATAATCCCAACACTTTGGGAAGCCGAGACAGGAGGACG
GATTGAGCCCAGGAGTTTGAGACCAGCTGGGCAACACAGGGAGACCCCGTCTCTACAAAAATAAAAA
ATTAGCTGGGCATGGTGGCACACGTCTGTACTGCCAGCTACTTGGGAGGCTGAGGTGGGAGAATTGCCT
GAGCCTGGGAAGTGGAGCCGCGAGTGTGATTGCATCACTACATTCAGCCTGGGTACAGAGCAA
GATCCTATCTCAAAAACTAAATAAGTAAATAATAAATTAATAAATGAATAAAGTCTGGAGTTAAAGT
CTGGAATAAAGCTAGTAGTAATGTA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_005617.4](#)

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 40S subunit. The protein belongs to the S11P family of ribosomal proteins. It is located in the cytoplasm. Transcript variants utilizing alternative transcription initiation sites have been described in the literature. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. In Chinese hamster ovary cells, mutations in this gene can lead to resistance to emetine, a protein synthesis inhibitor. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

6208

MW:

62.8