

## Product datasheet for **SC205206**

### **RPS20 (NM\_001146227) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	RPS20 (NM_001146227) Human 3' UTR Clone
Symbol:	RPS20
Synonyms:	S20; uS10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001146227
Insert Size:	1342 bp



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**Insert Sequence:** >SC205206 3'UTR clone of NM\_001146227  
 The sequence shown below is from the reference sequence of NM\_001146227. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCGAATCCCGGGGACATGTCCTTTTAACTGCATTCTCCTCCGCCAAAAAAGTGACCAAGCAGAGTC
TTTCTCTGTCAACCAGGCTGGAGTGCAATGGCGTGATCTCAGCTCACTGCAACCTCTGCCTCTGGGTT
CAAGTGATTCTCGTGTCTCAGCCTCCTGAGTAGCTGAGACTACAGGTGTGCACCAGTGTTCCAGCTGA
TTTTTGTATTTATGTAGAGATGGGTTATGCCATTTGGCCAGGCTAGTCTCGAACTCCTGAGCTCAG
GTGATACACACCTCAGCAAATCTTTAAATTATACATTCTGTGATATTTCTTGACTTTCTTATCCA
GCATTGTATTGATTATTTTCATTTTGATAATGTTGGGTTTTTAAAACTCCTTTATGATGGAAAATT
TCAAACATACACAAAAGTAGAGAGAGAATGGTATAATAAACCCACTCAGTTTTAAGGATTGTCAACTAA
TACCAGTTTTATTTTCATGTATGACTCCAACAACCTCCCAACCAGCCTTCAGATTATTTGAAAGCAAAT
TTCAGACATCGTATTTTACTCATACATTTTCTAGTATCTAAATCTGAAAGAGACTTTTTCTAACAGTT
CTGTAGCATTAAATTATACTCATACTGTTGTGCAACAAATATCCAGAAATCTTTGTCTTGGCAAACCTGA
ACCTCTTACCCATTAAACACTAACTCCCTTTTTTTTACCCCTGAACCATTTGGCAACCACAAATTTTACTT
TCTTTTTCTGTGAGTTTGATTACTTGATACTTCATGTGAGTGGAAATCATATAATATTTGTCTTTTTGTG
ACTGACATTTTATTTAGCTTAATGTCTTCAAGTTTGACCCATACCATATCATGTGGCAGGATTTTCCC
TTTTTTTTTTTTTTCAGACGGAGTCTCGCTCTGTCGCCAGGCTGGAGTGCAGTGGCGCATCTCGGCTC
ACTGCAAGCTCCGCTCCCGGTTTCATGCCATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGACTACAG
GGCCCAACCCTAAACCCGGCTAATTTTTTTGTATTTTGTAGTAGAGACAGAGTTTACCATGTTAATGA
GGATGGTCTCCATCTCCTGACCTCGTGATTTCGCTCGTCTCGGCCCTCCCAAGTGCTGGGATTACAGGCG
TGAGCCACCGCGCCCGGCATGATTTTTCTTTTTTAAAGGCTGAATAATATCTCAATGTATGTATAT
ATACCACTTTTTAAAAATTCATTCATCTGTTGGACATTTAGATTGTTCCACCTCTTGGCTATTGTGAA
TAATGCTATAATAAACATGAGTATGCAAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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**Restriction Sites:** Sgfl-Mlul

**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\\_001146227.3](https://www.ncbi.nlm.nih.gov/nuccore/NM_001146227.3)

**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 40S subunit. The protein belongs to the S10P family of ribosomal proteins. It is located in the cytoplasm. This gene is co-transcribed with the small nucleolar RNA gene U54, which is located in its second intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Two transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Apr 2009]

**Locus ID:**

6224

**MW:**

51