

## Product datasheet for **SC215885**

### **RPL22 (NM\_000983) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	RPL22 (NM_000983) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPL22
Synonyms:	EAP; HBP15; HBP15/L22; L22
ACCN:	NM_000983
Insert Size:	1682 bp



[View online »](#)

**Insert Sequence:** >SC215885 3'UTR clone of NM\_000983  
The sequence shown below is from the reference sequence of NM\_000983. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GACGAAGAAGAGGAGGAAGACGAGGATTAAATTTTCAATTTATCTGGAAAATTTGTATGAGTCTTTGAAT
AAAAC TTGGGAACCAAAATGGTGGTTTATCCTTGTATCTCTGCAGTGTGGATTGAACAGAAAATGGAA
ATCATAGTCAAAGGGCTTCCCTTGGTTCGCCACTCATTTATTTGTAACCTTGACTTCTTTTTTTTCTGC
TTAAAAATTTCAATTCTCGTGGTAATACCAGAGTGAAGGAGAGGGTGACTTTACCGAAGTACAGCCA
TTGGGGAGGCAGATGCGGGTGTGGAGGTGTGGGCTGAAGGTAGTGACTGTTTGATTTTAAAAAGTGTGA
CTGTCAGTTGTATCTGTTGCTTTTCTCAATGATTCAGGGATACAAATGGGCTTCTCTCATTCAAATAAAA
GAAAACCGGACATCTTTCTAAGATTCTCTGTGGGAAAATGACTGTCAATAAAATGCGGGTTTCTGGGCC
ATTCGTCTTACTTTTCAATTTTTTATTGATTACAAATTTCTCTTGACGCACACAATTATGTCTGCTAATCCTCT
TCTTCCTAGAGAGAGAACTGTGCTCCTCAGTGTGCTGCCATAAAGGGGTTTGGGGAATCGATTGTA
AAAGTCCCAGGTTCTAAATTAACATAAATGTGTACAGAAATGAACGTGTAAGTAATGTTTCTACAGTCT
TTGCAACAAACTGCACTTTTCGTCTCCAGCAGAGGGAGCTGTAGGAATAGTGCTTCCAGATGTGGTCTC
CCGTGTGGGGCCAGCAATGGGGGCCCTGATGCCAAGAGCTCTGGAGGTTCTTGAAGAGGGGACACG
AAGGAGGAGTGACTGGGAAGCCTCCCATGCCAAGGAGGTGGGAGGTGCCCTGGAAATAGCTGCCTCATG
CCACTTAGGCCATGACTGGATTTAATGTCAGTGGTGTGCCACAGTGCAGAGGCTAGACAAGTAAAGGG
GCTACCAAGGCTGGGAAAAAATGCAATTGTTGCTGTGAGTGACTTTGAAAGACTCTGGTGCCTTGTGG
TGCCCTTCTGAAATTCAAACAGTAATGCAAAAGTGTCTGCATTAGAATTTACGGTGTCTAAAATTCATG
TTTTTAAAGAGCTTGCCCTACAGATGGTTCCACACTTGAATTTGCCCCTGCGAGTTGCATAGCTGGA
AGTTCAATGCTCAGTCCCTACCTTGGCTCCCATTAACATTTGGTCTCTGTGGATTGAGTTGAACGTGT
TGAGGCTTTGCAATTTCACTTGTGTTAAAGGCTCTGGCATTTTTCCATTTCTATGCAATTTCTTTGAA
GCAGAATTGCTTGCATATTTCTTCTCTGCCGTCACAGAAAGCAGAGTTTCTTTCAAACCTTCACTGAGGC
ATCAGTTGCTCTTTGGCAATGCCCTTAACCATGATTATTAATAAGTTTGTGGCTTGGATTTACAAT
TCTACTTGTGCTTGTGATGTTCCCATGTAGTAAGTCATTTTTAGTTTGGTGTGAAAAAACCTGGGCT
GAAGTTGGCATTTCAGTTAAAAGAAAAAAGAACTAGTCCAGATTTGAAAACCTGTAATAAAATTTGA
AACTCACTGGTTTTCTATGTCTTTTGAACCTTGTAAATCGAGTTTTGATCATATTTCTATTAAGTG
GCTAACACCTGGCTACTCTTACTGTA
ACGCGTAAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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\\_000983.4](#)

**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 cytoplasmic ribosomal protein that is a component of the 60S subunit. The protein belongs to the L22E family of ribosomal proteins. Its initiating methionine residue is post-translationally removed. The protein can bind specifically to Epstein-Barr virus-encoded RNAs (EBERs) 1 and 2. The mouse protein has been shown to be capable of binding to heparin. Transcript variants utilizing alternative polyA signals exist. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. It was previously thought that this gene mapped to 3q26 and that it was fused to the acute myeloid leukemia 1 (AML1) gene located at 21q22 in some therapy-related myelodysplastic syndrome patients with 3;21 translocations; however, these fusions actually involve a ribosomal protein L22 pseudogene located at 3q26, and this gene actually maps to 1p36.3-p36.2. [provided by RefSeq, Jul 2008]

**Locus ID:**

6146

**MW:**

63.2