

## Product datasheet for **SC127782**

### RPL29 (AF116627) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RPL29 (AF116627) Human Untagged Clone
Tag:	Tag Free
Symbol:	RPL29
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for AF116627, the custom clone sequence may differ by one or more nucleotides

```
ATGCCCCGGAAGATCACCGAGGTGCTAGTACGAAAGTCCCTGACAACCAACAGTTCCTAGACCTCCGTG  
TGGCCGTCTGGGGAATGTGGACTCTGGGAAGTCAACTCTGCTTGGAGTCTGACCCAGGGAGAGCTGGA  
CAATGGGCGGGCCGGGCTCGGCTCAACCTTTCCGCCACCTGCATGAGATTGAGTCTGGCCGAACCTCC  
AGCATCAGCTTCGAGATCCTGGGCTTTAACAGCAAGGGAGAGGTGCATGGGATCAATGGGACCAATGGG  
GCCAGACTCTGAGGATGGGATGGTAG
```

#### 5' Read Nucleotide Sequence:

```
>OriGene 5' read for AF116627 unedited  
GCACGAGGGCGCTTCGGGAGCCGCGGCTTATGGTGCAGACATGGCCAAGTCCAAGAACCA  
CACCACACACAACCAGTCCCGAAAATGGCACAGAAATGGTATCAAGAAACCCCGATCACA  
AAGATACGAATCTCTTAAGGGGTGGACCCCAAGTTCTGAGGAACATGCGCTTTGCCAA  
GAAGCACAAACAAAAGGGCCTAAAGAAGATGCAGGCCAACAAATGCCAAGGCCATGAGTGC  
ACGTGCCGAGGCTATCAAGGCCCTCGTAAAGCCCAAGGAGTTAAGCCCAAGATCCCAAA  
GGGTGTCAGCCGCAAGCTCGACTGCTACATTGCCCAAGCTTGGGAAGCG  
TGCTCGTGCCCGTATTGCCAAGGGGCTCAGGCTGTGCCGCCAAAGGCCAAGGCCAAGGC  
CAAGGCCAAGGATCAAACCAAGGCCAGGCTGCAGCCCCAGCTTCAAGTCCAGCTCAGGC  
TCCCAAACGTACCCAGGCCCTACAAAGGCTTCAGAGTAGATATCTGTCCAACATGAGG  
ACAGAAGGACTGGTGCGACCCCC
```



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**Gene 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 L29E family of ribosomal proteins. The protein is also a peripheral membrane protein expressed on the cell surface that directly binds heparin. Although this gene was previously reported to map to 3q29-qter, it is believed that it is located at 3p21.3-p21.2. 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]