

## Product datasheet for **SC200641**

### Ribosomal Protein S29 (RPS29) (NM\_001032) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Ribosomal Protein S29 (RPS29) (NM_001032) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPS29
Synonyms:	DBA13; S29; uS14
ACCN:	NM_001032
Insert Size:	120 bp
Insert Sequence:	>SC200641 3'UTR clone of NM_001032 The sequence shown below is from the reference sequence of NM_001032. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGGATATCGGTTTCATTAAGTTGGACTAAATGCTCTTCCTTCAGAGGATTATCCGGGGCATCTACTCA ATGAAAAACCATGATAATTCTTTGTATATAAAATAAACATTTGAAAAAAC <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u><a href="#">NM_001032.5</a></u>



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**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 and a member of the S14P family of ribosomal proteins. The protein, which contains a C2-C2 zinc finger-like domain that can bind to zinc, can enhance the tumor suppressor activity of Ras-related protein 1A (KREV1). It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2013]

**Locus ID:**

6235

**MW:**

4.8