

Product datasheet for **SC200237**

Ribosomal protein S10 (RPS10) (NM_001014) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ribosomal protein S10 (RPS10) (NM_001014) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RPS10
Synonyms:	DBA9; S10
ACCN:	NM_001014
Insert Size:	82 bp
Insert Sequence:	>SC200237 3'UTR clone of NM_001014 The sequence shown below is from the reference sequence of NM_001014. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGTCGTGGACGTGGTCAGCCACCTCAGTAAATTGGAGAGGATTCTTTGCATTGAATAAACTTACAGC CAAAAAACCTTAA ACGCGT AAGCGCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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:	<u>NM_001014.5</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. The protein belongs to the S10E family of ribosomal proteins. 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. Alternate splicing results in multiple transcript variants that encode the same protein. Naturally occurring read-through transcription occurs between this locus and the neighboring locus NUDT3 (nudix (nucleoside diphosphate linked moiety X)-type motif 3).[provided by RefSeq, Feb 2011]

Locus ID:

6204

MW:

3.2