

## Product datasheet for **SC203797**

### **RGS10 (NM\_002925) Human 3' UTR Clone**

#### Product data:

Product Type:	3' UTR Clones
Product Name:	RGS10 (NM_002925) Human 3' UTR Clone
Symbol:	RGS10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002925
Insert Size:	326 bp
Insert Sequence:	>SC203797 3'UTR clone of NM_002925 The sequence shown below is from the reference sequence of NM_002925. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b> AAAAGAGCTTCCAGAATTATAACACA <b>TGA</b> GCCCCAAAAAGCCGGGACTGGCAGCTTTAAGAAGCAAA GGAATTTCTCTCAGGACCGTGCCGGGTTATCATTGCTTTGTTATTTGTAAGGACTGAAATGTACAAA ACCTTCAATGGGATGTGTGTTTTATTAAGTCTCACCAGTAAATTTGCATGATGGCTAAGCTAACA TAAAAAAGAATAATAAACTTGAAGTTTTAGTTTACAAAACAGAGATTCCTTCAACTGGACACG TCGAGCATTTTGTAGCTTAATTAACCTCATGTAAGGCCACAAGGTGAAA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA 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_002925.4</a></u>



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**Summary:**

Regulator of G protein signaling (RGS) family members are regulatory molecules that act as GTPase activating proteins (GAPs) for G alpha subunits of heterotrimeric G proteins. RGS proteins are able to deactivate G protein subunits of the Gi alpha, Go alpha and Gq alpha subtypes. They drive G proteins into their inactive GDP-bound forms. Regulator of G protein signaling 10 belongs to this family. All RGS proteins share a conserved 120-amino acid sequence termed the RGS domain. This protein associates specifically with the activated forms of the two related G-protein subunits, G-alpha<sub>i3</sub> and G-alpha<sub>z</sub> but fails to interact with the structurally and functionally distinct G-alpha subunits. Regulator of G protein signaling 10 protein is localized in the nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:**

6001

**MW:**

12.1