

Product datasheet for **SC209131**

RGS1 (NM_002922) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RGS1 (NM_002922) Human 3' UTR Clone
Symbol: RGS1
Synonyms: 1R20; BL34; HEL-S-87; IER1; IR20
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_002922

Insert Size: 732 bp

Insert Sequence: >SC209131 3'UTR clone of NM_002922
The sequence shown below is from the reference sequence of NM_002922. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATGACCTGCAGGCTAATAGCCTAAAGTGACTGGTCCCTGGCTGAAGGGAATTAACAGATAGTATCAAG
CGCAGAAGGAATGTGCCAGTATGGCTCCCTGGGTGAACAGCTTGGCCTTTTTGGGTGCTTGACAGGC
CAAGAAGAACAATGACTCAGAATGGATTAACATGAAAGTTATCCAGGCCAGAGTTGAAGAAGCATAA
GCAAGACAAAAACAGAGAGACCGCAGAAGGAGGAAGATACTGTGGTACTGCATAAAAAACAGTGGAGC
TCTGTATTAGAAAGCCCTCAGAACTGGGAAGGCCAGGTAACCTAGTTACACAGAACTGTGACTAAA
GTCTATGAAACTGATTACAACAGACTGTAAGAATCAAAGTCAACTGACATCTATGCTACATATTATTAT
ATAGTTTGTACTGAGCTATTGAAGTCCCATTAACTTAAAGTATATGTTTTCAAATTGCCATTGCTACTA
TTGCTTGTGCGGTGTTATTTTATTTTATTGTTTTGACTTTGGAAGAGATGAACTGTGATTTAACTTAA
GCTATTGCTCTTAAAACAGGGAGTCAGAATATATTTGTAAGTAAATCATTGGTGCTAATAATAAATG
TGGATTTGTATTAATAATATAGAAGCAATTTCTGTTTACATGTCCTTGCTACTTTTAAAAACTTGCA
TTTATTCCTCAGATTTTAAAAATAAATAAATAATTCATTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-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>NM_002922.4</u>
Summary:	This gene encodes a member of the regulator of G-protein signalling family. This protein is located on the cytosolic side of the plasma membrane and contains a conserved, 120 amino acid motif called the RGS domain. The protein attenuates the signalling activity of G-proteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal. [provided by RefSeq, Jul 2008]
Locus ID:	5996
MW:	28.9