

Product datasheet for **SC210551**

RGS20 (NM_170587) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	RGS20
Synonyms:	g(z)GAP; gz-GAP; RGSZl; ZGAPl
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PSI00062)
ACCN:	NM_170587
Insert Size:	875 bp

Insert Sequence: >SC210551 3'UTR clone of NM_170587
The sequence shown below is from the reference sequence of NM_170587. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAAATTCAGCGATCGCC
TCCTTATCGGAGAAATCTATTGAAGCATAGGATTTTCAAATATATTTATTATTAATAAAAAATAAAAA
GAATTCATGGGCTACAACAGTACAGGGAATTTAGAGGTTGTAGCATCTTCTGCTGGAGTAATACTCAG
GCTATTCTAATAACAGATGATTCTTCAACAGACTGCTATATTTACCATGTAACTGCAGCCACCTT
TAGTGATACTTTTGAAGGATATGGCTGTTGTAGAAAGATAGCGTATTTGCATTTA
CAATAACAGTAGCATGTTGTGAGTGGCAAGGCTACACAGAAGGCTCCCTGCTGCCCGGAGCAGGTACA
TCCACCAGAGCAAGGGAACCACTTTTATTTGTCATGAGTTTGGTAACTGATTACTCTCCCTCAAAGA
AAAGACATTCAGGTGTTTCTCAACGACATCTTGTCCAGCAAGCTCGGTTTGAATACGTCACTTACCA
GTGCCATTGCAGGACCCAAATTCACAGTTCATAAAAGATGTGACCACTACATGTAAAAATAGCATTCTA
CTTGATCTTACAGTATGTATGTATGTATGTATGGAGACATATGTGTGCGTGTGGATGTCTACATGGTTA
ATGGAAAGCACTGTGCTCTGAAGTGGATCAGTCTCAAGTGTCTGTTAACAGCAGCAGTGCTTAGAAAAAT
TCTTTTGTGAAAGAGTTACTGTTATTATCAGAATTTGCCAACCTAAAGAATGAATTTTAAATTCAT
AAGTGGTCATGTTTCAACAACTGTCAAAATAGCATATTTCCATTTTATTACTGAAAGAAATATG
GGCATTTTCAATCTTTAAAGAAATAAGCACAAGAATTTTATCTCAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG

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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_170587.4</u>
Summary:	The protein encoded by this gene belongs to the family of regulator of G protein signaling (RGS) proteins, which are regulatory and structural components of G protein-coupled receptor complexes. RGS proteins inhibit signal transduction by increasing the GTPase activity of G protein alpha subunits, thereby driving them into their inactive GDP-bound forms. This protein selectively binds to G(z)-alpha and G(alpha)-i2 subunits, and regulates their signaling activities. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Locus ID:	8601
MW:	33.6