

Product datasheet for **SC222178**

RGS5 (NM_003617) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: RGS5 (NM_003617) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: RGS5
Synonyms: MST092; MST106; MST129; MSTP032; MSTP092; MSTP106; MSTP129
ACCN: NM_003617
Insert Size: 5074 bp
Insert Sequence: >SC222178 3' UTR clone of NM_003617
The sequence shown below is from the reference sequence of NM_003617. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAAGCGATCGC

TCGCTTTGTGCGCTCTGAGTTTTATCAGGAGTTAATCAAGTAGTAATTTAGCCAGGCTATGAAATCATCC
TGTGAGTTATTTCCCTCCATAATAACCCCTGCATTTCCCATTAATCTACATATCTTCCACAGCAGCTTTGC
TCAGTGATACCCACATGGGAAAAATCCCAGGGGATGTTGCTTACTCTTTTTGCCACACTGCTTTGGATA
CTTATCTACTGTCCGAAGGCCTTCTTTCCCACTCAATTCTTCCCTGCCCTGTTATTAATTAAGATATCTT
CAGCTTGTAGTCAGACACAATCAGAATCACAGAAAAATCCTGCCTAAGGCAAAGAAATATAAGACAAGAC
TATGATATCAATGAATGTGGGTTAAGTAATAGATTTCCAGCTAAATTGGTCTAAAAAGAATATTAAGTG
TGGACAGACCTATTTCAAAGGAGCTTAATTGATCTCACTTGTGTTAGTCTGATCCAGGGAGATCACCCC
TCTAATTATTTCTGAACCTGGTTAATAAAAAGTTTATAAGATTTTTATGAAGCAGCCACTGTATGATATTT
TAAGCAAATATGTTATTTAAAAATATTGATCCTTCCCTTGACCACCTTCATGTTAGTTGGGTATTATAAA
TAAGAGATACAACCATGAATATATTATGTTTATACAAAATCAATCTGAACACAATTCATAAAGATTTCTC
TTTTATACCTTCTCACTGGCCCCCTCCACCTGCCCATAGTCACCAAATTCGTGTTTTAAATCAATGACCT
AAGATCAACAATGAAGTATTTTATAATGTATTTATGCTGCTAGACTGTGGGTCAAATGTTTCCATTTTC
AAATTATTTAGAATCTTATGAGTTTAAAAATTTGTAATTTCTAAATCCAATCATGTAATAAGAACTGT
TGCTCCATTGGAGTAGTCTCCCACCTAAATATCAAGATGGCTATATGCTAAAAAGAGAAAAATATGGTCAA
GTCTAAAAATGGCTAATGTCTATGATGCTATTATCATAGACTAATGACATTTATCTTCAAAACACCAAA
TTGTCTTTAGAAAAATTAATGTGATTACAGGTAGAGGCCTTCTAGGTGAGACACTTTTAAAGGTACTGTC
ATTTTGCAAAAAAAAAAAAAAAAAAAGTAATCTTTTAGCAACCCAGTATTCCTTCACTATTTTCGCTTCTG
CATTAGCAAATTTTACTTACAGTCAAAAAGTGCAGATTTATACTCCTGACGTGTCTCATTACAGCTAAAT
AATAGGCCATAGGACTTTTGGTAGGTTTAACTTTTAATTCTGTATTTTATGATTATAAGCTTGTCTAGA
ATTTTTTCTAATCTTTAGTAGATTTGATTAAATAATGATTCACAGAATTTAGTAACAGAATCAAACCTAAG
CCATGTATGAGGGTAATCGAGATGAGGATATTAACCTCAAAAGAAATAGGGTGATTTTTAAAGGATTAATA
AAATTCTGAAATGTTAAGTAGAAGATTACATTGTCTAGTCTTGTATTTCTCCTTCTGTTGCTCTCTTTTC



[View online >](#)

ATTCACACACTCTCAGTTTCTCATATTTGTAGCTCATTTATTTGGTTATTTCTAAGAATATTGAAAGTG
 AAGCAACTATGTGACTGTATTCTTCAGGTAAACACTGACTGCGCTTGTGGATTTTCCCTATTTTGTGA
 CTTCAAGAATAATATGCCCTGTGAATACATGCCATTTACATTCTGAACTGGGTAGAGTGGTTGGGTG
 TTCTGCCAACAAATTGCTAGTGGTGTGAATTCATTCATATTTGCCAGTATTGCTCACTTCAAAGAACTCC
 TTCATCAAGCAGTCCAGAGCTAGGCCAGATCAATGCTACAATCATGAAGTTCTCATTGCATGCAATTGTG
 TAGGATTGACAAGGAAGTCAAGTAAAAATTTCCAGGGTGCCTTCCAGAACAGCTTCAACATATGTCTA
 CATTGGCCCAAGTTAATAAAGTGCCAAACCTTTACTCTCTCATACAGCCAGAAATGTTAGAAATCCAAA
 ATCTTGGTGCATTATTTTTTTCATAAACGCTAAAACATTTGAAGAAACAATTTAATTTAAAATCAAG
 TATTTTATTCACATTATTTGCAATATCCAAATGTTAAAAATTTCCAGATAAATTAAGTACTATTACAGA
 TCTCACCTAGAGGGTGTATGTTATGAAGACTCCAGTGGACTGACTCACAAATGACTGGACACCCTATG
 AAAGTGGGTAGACCTCTCAGCGGAAAATAAGAAGGGCTTTTACCTACAGGGCAGGACAGGGTCCCATGAG
 AGCAGTTCTGTGGAGATATAAAAAGAATGGAAGAAGGAATGCCTTATAGTGATATTGTGACATTATCT
 ATATATCTACATATATCTATCTATCTATCTACATCTATAATCTTACATTTAAAATGTATTCTTAC
 ACATATTAGAACTCTTCTAATAAATGAAGTAAAAAATTTAAAAGAATACAAAATTTCCAGCCCCAAAT
 GAGAAATCAAACATATTTAAAATGTTCAAGAAAATTTCTTTGAACACTTCTGAAAGTTTTGGAAACTTA
 GAAAAGAGGGAAAAAATCCAGTGTACTAGTAATTTCCATGGTAATACAGATAAAAATACATTCTTTTAA
 TTCTGGGAAATAGAAAAAGTGGGGTGTCTTTCCAGGAAAAACATGTGTAACATCTGCTTATCACTCCA
 GCTCCCTCCTCCTCCTCCTCCTCCACGTTCCCTTGAGTAAATGTCTGGGAAAGCATGAAGCTTGATGCAAG
 AACCTGTTGTACTGGCGTTTTCTCCCTGTGAAAACGTAACACTGTTGGGAGTGAATTGAGGATGTA
 GAAAGTGGTGGAAACCAATTTGGTCAATGGAATAGGAGAATATGGTTCTCACTCTTGAGAAAAAAC
 CTAAGATTAGCCAGGTAGTTGCCTGTAACCTCAGTTTTCTGCCTGGGTTTGATATAGTTTAGGGTTGG
 GGTTAGATTAAGATCTAAATTACATCAGGACAAAGAGACAGACTATTAAGTCCACAGTTAATTAAGGACG
 TATGTTCCATGTTTATTTGTTAAAGCAGTGTGAATAGCCTTCAAGCATGTGAATAATCTCCACTTCCC
 CGCCACACATACACACACACACTTTTTGTTCTTTTCAGGTAGACACCTTTTAAAATGCGAACTAACTGA
 GGCATTTCAAGTAACTTTGCTTTCAAATCAATAAAGTCAAAATGTATGGAACATTTTGTGCCCTACTCTCC
 ATACCCCGTACTCAAATTTCTACTGTATGAATTATGCTTTAAGTAGAATTCAGTGCCAAGGAGAAGT
 TGGTGAATAAATATTTTAAATTTTTTTTTTATCCTTTACAAAGCCATGGATTTTATTTGGTTGATGTT
 GCTCTGTACACAAGCCATTTCAATAGGATGGAGCTGTTAATTTTTTCCAAAGAGTAATAGACATGCAA
 AGTTTTCAATAAAAACTGGGCCATTAACAATAAATTAATAAACTAATAAGCATTCCCTTCTAGGTTTTTG
 CCAAATGCCTATCCAATAACAAATTTGAGAATCGTTGAAAAAGCTAGTTATATTTCCAGAGAAATGATTT
 TCATTATTGAACTGTTCTCCCTAGCAGGCCATTTCCCTTTTTCTGGGAGTTTAGCAAGTTTAGGAGA
 GAATAGTCATGAAAAGAAAGGGAAGAAAGGGGAGAAGGGAAGAGGTTAAAAAGTAAAGTGCTCAGACCTAT
 GAACGTAATCCCTTTGCTAGAAATATTTAAGAGCAGCTCAGCTTGGTTGAACTGAGTTTTGTATCTTC
 CATATTTGAGGAAGGTATTTCTGACTTGAATGCAGCTAGATGTAAAAATTTATTTTATCATCTTAGA
 AAGCCTTGACTAGAAAAATGAATAAATATTGAGGGTTTCTGTCCATATCTGGCTTGCATGTGCCAGAAA
 GCAGAGAATAGAAAATGAATCTCCAACATCCAAGCATCGAAACCCAAGGGTAGGCAATTTCTATGTAGG
 TTTTGGACATGAAGTTTGGTGCATCTTGGTTTATGCTGGCTCAACTGCTATTAACCTCTCTGGCTTATA
 GTCTCTTCACTTATTAGACAAGCAGTATCGAACACTTGCTTCGCACAAGGCTCTTTAGTTAACAATTT
 AGCAGCTACTGTTTGTGTTAAACACACTTTTCCAAATAGGTTCTGAGGCAAACGAGAGCAATGACTAT
 TTAAGAAAGGCTTTCCAGCATCACTTACACATCCCAAAACTAAAAAGATCAACTCTTCCAAGTGAAG
 AAGACTCCTGGCTTTGAATGAAACTTACAGCAGAGAGTACAGGCCACGGCAACAACAACGACAACAAC
 AAACATTTGGAATATTATTCTCAACTCAGTTTTAATAATACATCTTATTATTTTCTAGTAGAGAACT
 ACAAATCAGCCTCTTCAACATTTATATACAGTTTAAATAAGCCTTGTGCAAGTTACTTGTCTCTCACCTG
 AGGATTTTTTCTCCCACTTGGCCCTGTTCTCCCTTCTCTCTCCCTTGTGCAAGAGGAAATATT
 TAACATATTTGGGTCCAACCTCAATAATGTAATAATTAATACATTAAGCAATTAACCTCTTTCTAGA
 AAAATGCACAGGCTAAGGCATAGACAAAACAAAGAGAAATGCTGAGAAATTTGCCACTGGAGACAAGCAA
 TCTGAATAAATATTTGCCAAAAGTTCTTTTTATGTCATATAGTGTGAGGATTTGAAGGAGCTATTTTTTT
 TTAATGTTGCAACTAGCAACTCATCTTTCGGAAGACACAGCCAGGAGAATGAAGTGAAGTGAAGGTTTA
 TAAATCCATTTGTAAGCATTTATCCCATATATTTAAATTCAGAAAAATTTGTGTTTATCTTTAGAAATTT
 TGTATTCAATACTTTATGTAATGTGACTCATGCTTCTGGATAAATAAAGCACCAAAATATGTATCTGTA
 ACCACAATCACACATATTATTAATATATATC

ACGCGT AAGCGGCCGCGGCATCTAGATTCTGAAGAAAATGACCG

Restriction Sites:	Sgfi-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:	NM_003617.2
Summary:	This gene encodes a member of the regulators of G protein signaling (RGS) family. The RGS proteins are signal transduction molecules which are involved in the regulation of heterotrimeric G proteins by acting as GTPase activators. This gene is a hypoxia-inducible factor-1 dependent, hypoxia-induced gene which is involved in the induction of endothelial apoptosis. This gene is also one of three genes on chromosome 1q contributing to elevated blood pressure. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Dec 2011]
Locus ID:	8490