

Product datasheet for **SC204901**

RASGRF2 (NM_006909) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RASGRF2 (NM_006909) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RASGRF2
Synonyms:	GRF2; RAS-GRF2
ACCN:	NM_006909
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC204901 3'UTR clone of NM_006909
 The sequence shown below is from the reference sequence of NM_006909. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTAAAAATTGAACCTCGACTCCCTGCTTGAAGATCTGGCCTTGCCCTGAGTCCACGGGATGTTTCATGG
AAAGCAGGACAGACAGAATTGTGTATGCCTTGCCTATCACGGTACAGCACGAAGCCAGGCTCCTTTCTC
CACCAAAGAAGATGGAACCAGACTGGAATTCTGTCTCCAGAGAGAAAACCCAGCTGTTTGGGTCAAAGAC
AGATGCTTCAGACTTGGGTGGGAAGGTGAAAGATGGCTATTTAGAAAGCTGGTGGCAGTTTTACATAA
GGGAATGTCAGATGGGAGATGCTAGTTGCCATTTAACAAAGCAGGTAATCGGTAAATTTAAACTCT
GTCCATGTTCTGTAGAACTCAGGGACAAGGATCCATGAAAAAGACCTGTGATGTTTCTCTGGCGCTTT
ACTGGCCTGGGCACACCTACCAATCTTCTAGGATTTGACTGGTTCATTACATTTCTTTTGGTATAAG
CTTCACAGAAAAGCTGACACTTCTCTACAGAGATGGACCAAAACATAAGCAATTTTCAGTCTACAGCAT
GTGCATGTTGTAGTGCATTCTAAATATTTCTATGTGAGGAATGGTACCTTCTGAAACTGCCTTTCCA
GTCTTTAGGCAATGGGATAGGAAAGAAAGAATGAAACACAAATGGATTTGTATGTAACATTTCTTAAT
TAAATGCAGTAGGCTGTGCCCCAGAGGATTCCAGACAGTGGCTGGCTGAGGTGGGTGGGGAGCTTTTCC
TTGAGACTGTTGGTCCTAAGAAGCCAGCCCTTTTGGAGAGGCAGCTGCAAAAAGGTGCACGCCCATCTC
ACCGACAAAAGTGGAAACAGAAGGCCACCAAGTGTGTGGGGAATCATGGGTTTCAGTGTGAGTGAA
AATCTATACCTAAAAATCATCTCTGCACCTTGCTTTGTTGTTTTCTTTCCCACTCATAGTACTGCAG
GAATCTATTCTCATTTACACAGACCTTTTTTTAGGCTTACTATGAACATTGGCTGATTTTTTTTTAAAC
AGTTTAGTGAAATTTTTCTTTTCAAACCCACACTTCCATATGCTGTTTCGTAGATCTTTTCTTTAAAAA
CTGATGTTGAGAGATCTCTGAGAATATTATAAGTGCATGGGAAATGGGCCCAACCACCGAACAGCTCTT
ACATTACAAAACCAATGCAAGGTTAGTCTGCTACCTGAGGCTGGGGAAGTGACCTTCTTTTCCCA
AGATTGTCAGTTGTTGAAGAAATAGGGCTATCTCATTGTTTACCTCCCTTCTCTTCTCAGGGAGACT
GCTGCTTTAAAGAAGGAAGAGAAAAAATATAGTTCTATTTCCCTGAACCTGTTGCACCTGACATTTTC
TCTTAGCAGCATGAAACTTATTGATGCTGACAATGAAAAATGGATCTGTCTGGCTGCTTTCCCTTTTC
CTTGCACCTTAATTATGTTGCTAGAGCTAACAGACTAATAAATCCACCTGCTGGCTCTTAAGACTCAG
TGAAAGAGCTAGCATTGGTAATGCACCATAGAGGTAGAGAATGTACACTTTCTGCACGGTAAGTCCAT
CTCTGTATGTAATATATAGTGAATATCAACTAAGTAAAAGAAAATATAATATTTGAAGACCATTCCC
AAAATATTTTCAATAGTTCAATATTAGCCAACAGGTAGCACTCAACCCAAGGAGGTTTCTTATGGATG
CTTTCTTTTTCTTTTTAAAGTTGCTTGTGTTGTTCTTTAGTTTCAAATAAGAGGTTGACGCATCTTG
ATGCATGATGAGAAGCATGGGCTGTTTGGATCCTAACACGCATAACTTGTGATTTATTTCTCAGTGCT
CCAGAACTGAGGTTTGAATAATATGTATCAGTTGCACCAACACCTCAAGGTCTTGACAGAGAAAA
GTAAAGGTTAGCTTTTATGGCTCAAAGCATAGTCTGAAGGGTGAACATAAACCCGGGACAAATCTGT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAATTTGATTCCACCGCCGCTTCTATGAAAGG
  
```

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: [NM_006909.3](#)

Summary: RAS GTPases cycle between an inactive GDP-bound state and an active GTP-bound state. This gene encodes a calcium-regulated nucleotide exchange factor activating both RAS and RAS-related protein, RAC1, through the exchange of bound GDP for GTP, thereby, coordinating the signaling of distinct mitogen-activated protein kinase pathways. [provided by RefSeq, Oct 2011]

Locus ID: 5924

MW: 77.1