

Product datasheet for **SC202691**

RASGRP2 (NM_001098670) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	RASGRP2 (NM_001098670) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RASGRP2
Synonyms:	CALDAG-GEFI; CDC25L
ACCN:	NM_001098670
Insert Size:	257 bp
Insert Sequence:	>SC202691 3'UTR clone of NM_001098670 The sequence shown below is from the reference sequence of NM_001098670. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCA ACGATCGCC GAGGATGGGGTGTGGACATCCACTTGT ATA TAGATGCTGTGGTTGGATCAAGGACTCATTCTGCCTTG GAGAAAATACTTCAACCAGAGCAGGGAGCCTGGGGGTGTCGGGGCAGGAGGCTGGGGATGGGGTGGGA TATGAGGGTGGCATGCAGCTGAGGGCAGGGCCAGGGCTGGTGTCCCTAAGGTTGTACAGACTCTTGTGA ATATTTGTATTTTCCAGATGGAATAAAAAGGCCCGTGAATTAACCTTCA ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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_001098670.2</u>



[View online »](#)

Summary:

The protein encoded by this gene is a brain-enriched nucleotide exchanged factor that contains an N-terminal GEF domain, 2 tandem repeats of EF-hand calcium-binding motifs, and a C-terminal diacylglycerol/phorbol ester-binding domain. This protein can activate small GTPases, including RAS and RAP1/RAS3. The nucleotide exchange activity of this protein can be stimulated by calcium and diacylglycerol. Four alternatively spliced transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

Locus ID:

10235

MW:

9.7