

## Product datasheet for **SC209085**

### **RASGEF1B (NM\_152545) Human 3' UTR Clone**

#### **Product data:**

|                       |                       |
|-----------------------|-----------------------|
| <b>Product Type:</b>  | 3' UTR Clones         |
| <b>Symbol:</b>        | RASGEF1B              |
| <b>Synonyms:</b>      | GPIG4                 |
| <b>Mammalian Cell</b> | Neomycin              |
| <b>Selection:</b>     |                       |
| <b>Vector:</b>        | pMirTarget (PSI00062) |
| <b>ACCN:</b>          | NM_152545             |
| <b>Insert Size:</b>   | 1405 bp               |



**Insert Sequence:**

>SC209085 3'UTR clone of NM\_152545

The sequence shown below is from the reference sequence of NM\_152545. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG  
TAACAATTGGCAGAGCTCAGAATTCAA**CGGATCGCC**  
TTAAGGTCGAGCCTCTTAGGCAGAGTT**TA**ACACATGGGAGCTGCCTGCCTGCTGCTGCTGCTGCTTCTCT  
GCAGATCATGGAGGGGCTGGCCTTTGTTTTCTGGCATCTCGTACCACGAACACTCATGAAGACCCCTGCA  
GTCATTGGAGCACCCGGGTAGCAAAAGCACACAAGCTCACTCAGACCAGATGGAGAACTTATTTCTGT  
CAGCTGACAGATAGACTCAGATTTTGTAGACTGAATGTTCACTGAAGCACTTGAGAAAGAAATCCTC  
TAAAAATCCCGGCTCTGCACATTATGACTCTCTGGAATTTCCATGTGAATCACAGCTCTGCACCTGGA  
TGGAGTTTTCTTTTGTGTGTGTGTTTTTTTAATTTGGTTGAACATTTGCTGCTAATGGGACTTGCC  
CAGCTGAGTGCTGGCTCTGAGGAAGCCCAGTTTTCTTTTGTTAACTTAAATGAAGAAAGGAGTGAGGG  
AGGGGATCTAAAACCCCCCGTTAGATCCAAACCTTAGCTCAATCAGATTGCCAGAGAGGGGTAA  
ACTGTTGGAAGCTGACTGCAGACTTTGTTTCCCTTAGATATGTGCTGTGTGTAATTTTTCTCTCC  
CTCTCTTACAAGGTTTTGAGTTGGCTGCTGGTTAGCAAACCTCCTTTTACCATATAAGTTATTTAAT  
ATAATAATGAAGCTCAACACTGTGGTAGGAAATAGCCACTAGAAAGAAAAATAAAAGCAGAGTTTGTCT  
ATTGGACTGCTTAACATGCTAGAAGGACTTTTTTTTTTTTTTTTTTTTTTTTTTGTCTCTCTGAGC  
TGTTTACAACAGCCACTGTAGTCCACAGATGATTTTTCAATAGCTTTTGTACTAGTTTTCATG  
ATGCCTGTTATTTTCTCTGTGAATTTAAATGAGCTGACTTAAAGGATCTTGGGAAACCCATGGCAT  
AATTACAATTTTCTTTTAATCGACTTTTCATTACTTTTGGGAGTCTGTTGGTAACTAAAGATGTCAAC  
AAAGAATAAATTGGAGAAGTTACCTGTCCCCTATAGCAGTAACAAAAACAGATGAAAAACACCTTGC  
TGTTAACTCAATGGTTGATCTAATTGTGAAATCGTTCACCTTGTTAAACATCTAAGTAAGTCTGTAGTC  
GCTCTGCAAAACGCCATTATATTTATTTACTCTAGAAGAAACTGTAGAGTAGTAATTCGTGCTAATGAG  
AAAAACAAAAATACCATGTTCAAAACAGATGTATTTGAAAACCTTAATGACATGGTTCAAAAAAGTACAGC  
ATGATATGTATGCTGTGCATCATCTCAGCAGACCTAAAAATCCCCAAGTTGTCCCTTTACAGCCATCAA  
TGTATTTACACTCTGCGCCAGGA  
**ACGCGTT**AAGCGCGCGCGCATCTAGATTGCAAGAAAAATGACCGACCAAGCAGACGCCCAACCTGCCATCA  
CGAGATTTTCGATTCCACCGCGCCTTCTATGAAAGG

### Restriction Sites:

Sgfl-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:**

NM\_152545.3

### Summary:

Guanine nucleotide exchange factor (GEF) with specificity for RAP2A, it doesn't seems to activate other Ras family proteins (in vitro).[UniProtKB/Swiss-Prot Function]

**Locus ID:**

153020

**MW:**

53.2