

Product datasheet for SC202040

ARHGAP8 (NM_181335) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ARHGAP8 (NM_181335) Human 3' UTR Clone
Symbol: ARHGAP8
Synonyms: BPGAP1; PP610
Mammalian Cell Selection: Neomycin
Vector: pMirTarget (PS100062)
ACCN: NM_181335
Insert Size: 219 bp
Insert Sequence: >SC202040 3'UTR clone of NM_181335
 The sequence shown below is from the reference sequence of NM_181335. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
CCCCTGATGGCAGCCAGAAGACGTCTCTAGTGTTCGGAACACTCTGTATATTTTCGAGCTACCTCCCACA
CCTGTCTGTGCACTTGTATGTTTTGTAACTTGGCATCTGTAAAAATAACCAGCCATTAGATGAATTCA
GAACCTTCTAATGAAAACTCCATGCCTCTGGTCTTGGACTCTTGTCATGGTTCTGAGCTGTGGACC
GGGATAGAATAA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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_181335.3


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Summary:

This gene encodes a member of the RHOGAP family. GAP (GTPase-activating) family proteins participate in signaling pathways that regulate cell processes involved in cytoskeletal changes. GAP proteins alternate between an active (GTP-bound) and inactive (GDP-bound) state based on the GTP:GDP ratio in the cell. This family member is a multidomain protein that functions to promote Erk activation and cell motility. Alternative splicing results in multiple transcript variants. Read-through transcripts from the upstream proline rich 5, renal (PRR5) gene into this gene also exist, which led to the original description of PRR5 and ARHGAP8 being a single gene. [provided by RefSeq, Nov 2010]

Locus ID:

23779

MW:

8