

## Product datasheet for **SC205237**

### ARHGEF1 (NM\_199002) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ARHGEF1 (NM\_199002) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ARHGEF1  
**Synonyms:** GEF1; IMD62; LBCL2; LSC; P115-RHOGEF; SUB1.5  
**ACCN:** NM\_199002  
**Insert Size:** 395 bp  
**Insert Sequence:** >SC205237 3'UTR clone of NM\_199002

The sequence shown below is from the reference sequence of NM\_199002. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTCTGTCCCCAGCCTGGCTGCACTTGAAGTTCCCGCCAGGAAGGCCTTTTGAAGAAGGAGAGGA
ATGGGGGAGAGGACGTGAGGGACCACCCACCCACACAGCTGCCGAGCATCTCACACCCGAGGGCC
TGAGGAGAGGGAGCTGTGGGCCACGCCTGGGAGGGGCCAGCTGGGGTTACTGGCCCGCATGAGCCTC
GGCCATCTCTCCCTCCTGCCCTCTGCTTGGGGACTCAGGGCTCCATTCTGGAGGGCACCACGGTGACC
CGGGCCATCTCAGTATTGCCTGTGGGGCCACCCTCCACCCCAACCCCAAGTGCCCTTCGCTCTGTTT
TTATACCCTGAATTGGAGGTTTATTTTTTAATATATATTATCTAAGAAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**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\\_199002.2](#)



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**Summary:** Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of some variants has not been defined. [provided by RefSeq, Jul 2008]

**Locus ID:** 9138

**MW:** 13.9