

## Product datasheet for **SC216185**

### ARHGEF4 (NM\_032995) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ARHGEF4 (NM_032995) Human 3' UTR Clone
Symbol:	ARHGEF4
Synonyms:	ASEF; ASEF1; GEF4; STM6
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032995
Insert Size:	1769 bp



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**Insert Sequence:** >SC216185 3'UTR clone of NM\_032995  
 The sequence shown below is from the reference sequence of NM\_032995. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTCTCTGAACCACAAAGCCAAGCCAGCTAGCCACCAGGCCTGAGGGGGGCCCACTGCCCTTTGCAGCTG
TTTGTTCCTCAAAGTTGGTAATAAGGGGCCACTGGGGAAGCCTGGGTGAGTATATGGTTGACATTCTTA
CTCTCAACACCTTGGCTCCCCAGATCAGGGCCATTGGTGACAATGCTTGTTCCTCCAGGGTTCTCTTCC
TGACAGGCATCTGGGGTTGGTGTAGGGATGGAGCTGCTTTCCTCATTTCTACAGAGAGCCATGCCCTG
AAACATCACATGCCTTTGCACAGGCCACCCCTCTTCAGGCTGCTGCAGGAGGCCAGGCCAGGCCAG
AGACCCAGGCAGCCTGAGCTCTGGATGTGGTCAGCTCTCCAGGAGCAAGTCTGTGTGGCAAACTG
CCTCTACGGCGCTCTGAAGCAGAGCCCTGGGACGGACCCCATGCTGTCCCAACAGCTGGGGTGGCA
CTCTGCCCTGGGACCCATGACCCTCTGCTGTCTCTCCCTGTTGAGCTGTTGGCCGGCCCTGCTACCTG
ACGCGCCAGAAGCACCCAGCCCTGCCAGCAACCAGCCAGCAGCAGGTCTGGTGTGGCGGAGGCC
AGGCGCAAGCCATCTACCTTCTGGCACAGCATCAGCCGGCTGGCACCCCTCCGCAAGTGAAGTGGTCCC
TGCTGACAGCAGCTGCTGGCCTTCTGCCAGTGGCCCCAGTTTTTCTTCCCGAGGCCCACTCGGC
CTGGCCTTCTCTGCTGCAAGTGAAGCAGGGATGGGCTGGGGAGTTGCTGTGCCACCAAGAGCTGCCA
GGTCTGTACTCTGTTGTCTTTTCCCTGCTCCTGGTGCCTGAAGAGACCAGCAAGGGGGCAGACCCC
GCACTCGCCACACCGCGCTGCAGCTTGGGCCCATCCGCCCTCTGGACCTGTGTAGGGCCTCACTGCT
GGAGCGGGGAAACCGCAGCTCAGCCAGGCCAGCTGGGAGAAGGCGCTACCTGCGTGGGACCCCTT
CTCTGGAACCTAATCCTCCTTTTCATTTCTCTGGCAGGACTCTGGCCTTCTGTGGCAGCAATGC
CAGGCCATGTGCCCTCTGCCCTCTAGTTCTCCAAGTCCCAAGCCCGGCCAGTGGTGCCAGGCAGCTTG
CCACTTGGGAGGCAGAAAGCCAGGAATCCACACCCTTGTGTTGCGCCGGAGCCCGCCCTTCGCCTCC
CAGCCCTCAAGACACCCTGGCTGCTGGACACCCTTCACTTGTGTGTGTGTGTAGCGGAAAAGG
ACAAGACGGTGCAGTCGGCTGCATACTCCAGTCGGGAGTGTGGTCAGTCTGCCTGCTGTGTGGTA
GCTCCAGAACCACCTCGTTCTGGTTTTGTTGGATTTTGGCATCTGTTTTTCTAACAAACAATG
GAGAAAAAGAATTGATTCTTAGTGACACAGAAGATTGCCTTACGCTCGTGAGCGTGAGAAGCCATAAGA
GAGAGACCGAATTCTGTGGCTCAGCACACAGGACTGACCCACAGCCAGGCAGCGGGTGTGTGGAGATG
GCGCCCTGTCTGCCAAGGGGCGCCAGGAGCAGAGCCAGGCCTGGCAGCTGGCGTGGAGCCACAGG
ATTCAGCAGCATGGACAGTCACTTGTACTATTCTTCTCCAAGCCAGAAACCACATTTAATTTATA
AATAAATTTATGAAAAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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- 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\\_032995.2](#)

**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 protein encoded by this gene may form complex with G proteins and stimulate Rho-dependent signals. Multiple alternatively spliced transcript variants encoding different isoforms have been found, but the full-length nature of some variants has not been determined. [provided by RefSeq, Jun 2013]

**Locus ID:** 50649

**MW:** 63.3