

Product datasheet for **SC214279**

ARHGEF10 (NM_014629) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ARHGEF10 (NM_014629) Human 3' UTR Clone
Symbol:	ARHGEF10
Synonyms:	GEF10; SNCV
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_014629
Insert Size:	1408 bp



[View online »](#)

Insert Sequence: >SC214279 3'UTR clone of NM_014629
The sequence shown below is from the reference sequence of NM_014629. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTCTGGCAGATCCCTCTGCTGAATATAAGCAGGACGGCCGCTTCTGCTGTCAGAATTTGCAATCAA
GGGTGACTTCTCAGCTAATCCTACAGCCTGAGTGGTTAAGCTGTGTCTACACTGGTTGGGAATAAATTA
AAAACAGTATTTGGGGAGAAACGTGCAATAGCGTAATGGTGGTGTCCCTGCCAATTCCTTCCTTCTCT
TCTGTACAGCAGAAGTAATTACAAGCACTTCTCACGAAGCAGAAGACTGATGCAATTTTCGAGTAATT
GAGTGCAGTTCTGGGAAATACCACATTCTTTTACTGCTGTAGTCCATATGTGAATACTAAATGTTA
AACTTCATCAGCGTCAGACCTATTGTATCATATTAGAGAATTTGCAGACTAAGAATTTATGAGAAAAATA
TATGTATTCAGTAGTGCAGGCATTTATTAACAATTCCTAAAAGTTTTACCTGATTCAGATTCAGGACTT
TTATTTATATTCTATATTTTGAATTTTCAGAGTAAAATTTGTTAAACAATTTTAAAGCCAGGTAACACC
TACCAGTCCAGTTAGCATGATTTGCTTTTCAAGTGAAGCTGGGTTTTCCAAAGTGGTATAATGTGTGTA
CTGTATATTTTAACAAAGTAATATTTTGTATTGCATTTTCTATTAAAAAATTAAACAGTTAATGTTTC
AGTCAATGTATTATCTGTAGCATTTTCAAAATAATGTTTGCTTTGAACCAAAATGCTCAGTGCCTATCA
ACATTTGGACTCAAGCATCAACACCAAATTATTCTCCCTTCTCGTATAAATAGAGTGACTATCCACAG
GAGAAAAGTGTGTGCTTTAGTATTAGAGGAGATAGGCAGAGAAGTCTTGCTTAGTTTCCTTCGTGCAGCT
TCTTGCCCTGTTGACGTGGAATGCTGTGTCTGCTTTAGCACGCACGCTCCGAATGACTCCTGGTGCTA
GGCCATGCTGGCTGCTGCTACTGAGCGGACTCAGGCCAAGAGGCGTGACCTCGGCCAGCCTGTCTGT
TGTGCAGACGCCCTCTCTGCAGAACGCATCAGTTTCTATTCTGCAGTTGCAGAGCCAGCCCGCGTGAG
AACGTGCATAATGAGTGCACACCATCATGTCAAGGTGCATACTTAGTGAGCGCCATCCTGCTGAACGTG
TATTTTCAGTGTTTCACTTACTGGACGGATAACAAGAAAAAAATCCTAACACAGGCAGGCACCAGAAATA
AATGTCTCAGCACTTTACAGATGACTAAAAATGTTAATTTTATGACTTAGCCAAATATGTTCTAGGTTG
CATATATCCCCCATGTGAAAGTGATTTCTTCCCAAGCTTCTCAAAGTGTAGCTGCTGTCTGACTTCAT
CAATAAAGTATTTTATTTTAAATGCA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

```

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.

RefSeq: [NM_014629.4](#)

Summary: This gene encodes a Rho guanine nucleotide exchange factor (GEF). Rho GEFs regulate the activity of small Rho GTPases by stimulating the exchange of guanine diphosphate (GDP) for guanine triphosphate (GTP) and may play a role in neural morphogenesis. Mutations in this gene are associated with slowed nerve conduction velocity (SNCV). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]

Locus ID: 9639

MW: 52.7