

Product datasheet for **SC217328**

p114RhoGEF (ARHGEF18) (NM_015318) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	p114RhoGEF (ARHGEF18) (NM_015318) Human 3' UTR Clone
Symbol:	p114RhoGEF
Synonyms:	P114-RhoGEF; p114RhoGEF; RP78; SA-RhoGEF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_015318
Insert Size:	1989 bp



[View online »](#)

Insert Sequence: >SC217328 3'UTR clone of NM_015318
The sequence shown below is from the reference sequence of NM_015318. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCGATCGCC
GCCAGCAAAGAAGACGTCTCTTCTTCTAAAGGGCCGTGACTCAAGGAAAGTTTTTAATGGAAAGTTG
AGCCAGAACTAAACCAGGGAGCTGTCTGAAATCATAGCACCCCATCCGGGTGGCGGGGAGATCAACTCC
GAGCTGTTTTTCCGAGGCAGTGAGGAACGGTGCCGGCTCTGCACGGAGCTGAGGACAGGACAGACCTTG
CTTTGAGAAGGAGCTGCCGGCCGGGGCCACGCTCCACAGCCGCCGCGACAGTGAGGCAAGGGTTAG
GGCACCAGGAGGGGCCAGGTGGCGTCGGCAGCATCTGTCCCAGAATCAGGCAGAATCCACTTCCCAA
CAGAGCCCCACGCAGGTTACCATGAACCTCAGGGTCAGGGAATGAGCCAGGCACGGGGGCATGGGCAG
AGAGGGCCACGGGGCAGGGCCACTGAGGGAACATCAGTGGCCCTCCAGTCAGGTTCTGTGGGTTTGA
AGCCCATCGTGAAAGGGGCTGACCTTTGCCCTTTTTACTTGGCATTGGTTTTGAAACAGCTGTTTCC
CAAACCTCTGCTTCCCAAGGGCAACCGTTGCTGTTACACGCTCAGCCTGTCTGGGGGAGCGGGCCTCTA
GCTTCAGCCAGGGCGGGTACACACCCTGGGCACAGGGTCTCAGCCCCCGGGAATGAGTCCCAGGGC
TGGCGTCCCACCTTCCAGGTGGGGGCTGGCACATCACAGACTGTGAGAGCGCCATGTCCCAGGGCATG
CAGAGGATGCACCTAGAGACGTTGCAGCAAGTGGACAAGTGGCCGCTGTGCGGGCCCTCGCTTGTAGT
GAGCTGTTGCAGCTTACGGTCCGTTCCCTGGAGGGGTGGAGGAAGGAGGTGTTGGGCAGCATCAAAGGT
GCTGGGACATCCCAGGGTGGTGAGATCCATCCAGATCCAGCTCCGGTGGAGAAAGGGCCCATGTCAAG
CCTTGTTCTGCACCCCAAGCATTGGTGGTAGGACTGGGTCTGGCTGATCGTCTTGTTCAGTGGGG
TACATGTGAGCCCTGCCAGGGCCAAGTCTTCTCCGAACCCAGGGTCTGGGAAGTGCAGATCCCGG
GGGATTACAGCCCTTCTCCCACTGTGCTGGCAGAGGCACCTCTGTGACGCTGAATACAGTGAACAGGGA
CATTCCCGCCACTCGGGGACAGATGGGCACAAGGAGGGGAAACTCCATCAGGAAGTGCTCCCTGGGC
AGAGGCGCCCACTGGGTGCTGTGGGCTCAGGAGGGGGCGGGCAGGAGTGGTGCACACCGGGAACAG
AGCCCCACAGCCATACAGCCATTGGTGACAAGGTCTGAGAACACAGTGGCCAGGTGTCCCAGGCTC
CTGGCCCTCCGACGACCTCAACTCTGCCAGCCCGGTCCCTGGCCATCAGCGACGCTGTCCGCCCCC
GTCAGATCCCATGTGTGCCATGTTATCATCAGTGTGTTTGTATTTTGTACTGAGTATCGGAGCACTTT
ACAGAAGCTGACTGTACATTCCTGTTCTGTTGTGAAGAGAACATCCAGACCCTGGCACCTCTGAG
CCGGCGTGTGCCGTCCAGCCCTCCGAGATGCCACAATTCCTTGGATGGGGGAGAAGTTCAAGGAATTT
CTGCTCGGCCACGCGGTGGGAACCCCGCTCCCCGCCATGTGGCAGAGGGGTCTCAGTCGTGCTAGGCA
TCGGGCGGCAGCGCCGACAGCCCTTCCCTCGCCAGTGCCCTCGGCCACTCTGGGTTGGAGCCCGATT
TTATTTGTAAAGTTGACAGTCGAGCAAATGTTCTATTTTCTGTTGGATCTGCACACGCTTTTGTGAGTT
GTGGTCATGATCTTAGTCACCTGCTAATTATTTTACAATGATTACAACATTTCTCACTGCGGGATAT
TTCTGACCCGCTTTAGAACTTAAGACCTGATTCTAGCAATAAACGTGTCCGAGATGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

```

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_015318.4](#)

Summary:	Rho GTPases are GTP binding proteins that regulate a wide spectrum of cellular functions. These cellular processes include cytoskeletal rearrangements, gene transcription, cell growth and motility. Activation of Rho GTPases is under the direct control of guanine nucleotide exchange factors (GEFs). The protein encoded by this gene is a guanine nucleotide exchange factor and belongs to the Rho GTPase GEF family. Family members share a common feature, a Dbl (DH) homology domain followed by a pleckstrin (PH) homology domain. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Nov 2018]
Locus ID:	23370
MW:	71.4