

## Product datasheet for **SC217329**

### **p114RhoGEF (ARHGEF18) (NM\_001130955) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	p114RhoGEF (ARHGEF18) (NM_001130955) Human 3' UTR Clone
Symbol:	p114RhoGEF
Synonyms:	P114-RhoGEF; p114RhoGEF; RP78; SA-RhoGEF
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130955
Insert Size:	1989 bp



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**Insert Sequence:** >SC217329 3'UTR clone of NM\_001130955  
 The sequence shown below is from the reference sequence of NM\_001130955. 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
GCCAGCAAAGAAGACGTCATCTTCTTCAAAGGGCCGTGACTCAAGGAAAGTTTTAATGGAAAGTTG
AGCCAGAACTAAACCAGGGAGCTGTCTGAAATCATAGCACCCATCCGGGTGGCGGGGAGATCAACTCC
GAGCTGTTTTCCGAGGCAGTGAGGAACGGTGCCGGCTCTGCACGGAGCTGAGGACAGGACAGACCTTG
CTTTGAGAAGGAGCTGCCGGCCGGGGCCACGCTCCACAGCCGCCGCGACAGTGAGGCAAGGGTTAG
GGCACCAGGAGGGGCCAGGTGGCGTCGGCAGCATCTGTCCCAGAATCAGGCAGAATCCACTTCCAAA
CAGAGCCCCACGCAGGTTACCATGAACCTCAGGGTCAGGGAATGAGCCAGGCACGGGGCATGGGCAG
AGAGGGCCACGGGCAGGGCCACTGAGGGAACATCAGTGCCCTCCAGTCAGGTTCTGTGGTTTTGGA
AGCCCATCGTAAAGGGGCTGACCTTTGCCCTTTTTACTTGGCATTGGTTTTGAAACCAGCTGTTTCC
CAAACCTGCTTCCAAAGGGCAACCGTTGCTGTTACACGCTCAGCCTGTCTGGGGGAGCGGGCCTCTA
GCTTCAGCCAGGGCGGGTACACACCCTGGGCACAGGGTCCCTAGCCCCGGGAAATGAGCTCCCAGGGC
TGGCGTCCCACCTTCCAGGTGGGGGCTGGCACATCACAGACTGTGCGAGAGCGCCATGTCCCAGGGCATG
CAGAGGATGCACCTAGAGACGTTGCAGCAAGTGGACAAGTGGCCGCTGTGCGGGCCCTCGCTTGTAGT
GAGCTGTTGCAGCTTACGGTCCGTTCCCTGGAGGGGTGGAGGAAGGAGGTGTTGGGCAGCATCAAAGGT
GCTGGGACATCCCAGGGTGGTGAATCCATCCACGATCCAGCTCCGGTGGAGAAAGGGCCCATGTCAAG
CCTTGTCTGCACCCCAAGCATTGGTGGTAGGACTGGGTCTGGCTGATCGTCTTGTCCCAGTGGGG
TACATGTGAGCCCCTGCCAGGGCAAGTCCTTCTCCGAACCCAGGGTCTGGAACTGCAGATCCCAGG
GGGGATTCAGCCCTTCTCCCACTGTGCTGGCAGAGGCACTCCTGTGACGCTGAATACAGTGAACAGGGA
CATTCCCCTCACTCGGGGACAGATGGGCACAAGGAGGGGAAACTCCATCAGGAAGTGCTCCCCTGGGC
AGAGGCGCCCACTGGGTGCTGTGGGCTCAGGAGGGGGCGGGGCAGGAGCTGGTGCACACCGGGAACCCAG
AGCCCCACAGCCATACAGCCATTGGTGACAAGGTCTGAGAACACAGTGGCCAGGTGTCCCAGGCTC
CTGGCCCTCCGACGACCTCAACTCTGCCAGCCCGGTCCCTGGCCATCAGCGACGCTGTCCGCCCC
GTCAGATCCCATGTGTGCCATGTTATCATCAGTGTGTTGATTTTTGTACTGAGTATCGGAGCACTTT
ACAGAAGCTGACTGTACATTCCTGTTCTGTTGTGAAGAGAACATCCCAGACCCTGGCACCTCCTGAG
CCGGCGTGTGCCGTCCAGCCCTCCGAGATGCCACAATTCCTTGGATGGGGGAGAAGTTCAAGGAATTT
CTGCTCGGCCACGCGGTGGGAACCCCGCTCCCGCCATGTGGCAGAGGGGTCTCAGTCGTGCTAGGCA
TCGGGCGGCAGCGCCGACAGCCCTTCCCTCGCCAGTGCCCTCGGCCACTCCTGGGTTGGAGCCCGATT
TTATTTGTAAAGTTGACAGTCGAGCAAATGTTCTATTTTCTGTTGGATCTGCACACGCTTTTGTGAGTT
GTGGTCATGATCTTAGTCACCTGCTAATATTTTTACAATGATTACAACATTTCTCACTGCGGGATAT
TTCTGACCCGCTTTAGAACTTAAGACCTGATTCTAGCAATAAACGTGTCCGAGATGA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_001130955.2](#)

**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