

## Product datasheet for **SC216872**

### PTK9 (TWF1) (NM\_002822) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	PTK9 (TWF1) (NM_002822) Human 3' UTR Clone
Symbol:	PTK9
Synonyms:	A6; PTK9
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002822
Insert Size:	1892 bp



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**Insert Sequence:** >SC216872 3'UTR clone of NM\_002822  
 The sequence shown below is from the reference sequence of NM\_002822. 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
CCAGCGGAAACTGAAGCTACTACTGATTAAAGTCATCACATTAAACATTGTAATACTAGTTTTTAAAA
GTCCAGCTTTTAGTACAGGAGAAGCTGAAATCATTCCATGTTGATATAAAGTAGGGAAAAAATTGACT
TTTTGGAAAAATAGCACTTTTCACTTCTGTGTGTTTTTAAAATTAATGTTATAGAAGACTCATGATTCT
ATTTTTGAGTTAAAGCTAGAAAAGGGTTCAACATAATGTTTAAATTTTGTCACTGTTTTTCATAGCGTT
GATTCCCACTTCAAATACTTCTTAAAATTTTATACAGTTGGGCCAGTTCTAGAAAGTCTGATGTCTCA
AAGGGTAACTTACTACTTTCTGTGGGACAGAAAGACCTTAAAATATTCATATTACTTAATGAATATG
TTAAGGACCAGGCTAGAGTATTTCTAAGCTGGAACTTAGTGTGCCTTGGAAAAGGCCGAAGTTGCT
TACTCCGAGTAGCTGTGCTAGCTGTGCTGAGACTGTAGGATCATGTCTGCAACTTTTAGAAAATAGTGCTT
TATATTGCAGCAGCTTTTATATTTGACTTTTTTTAATAGCATTAAAATTGCAGATCAGCTCACTCTG
AACTTTAAGGGTACCAGATATTTCTATACTGCAGGATTTCTGATGACATTGAAAGACTTTAAACAGC
CTTAGTAAATTATCTTTCTAATGCTCTGTGAGGCCAAACATTTATGTTTCAAGATTGAAATTTAAATTAAT
ATCATTCAAAGGAAACAAAAATGTTGAGTTTTAAAAATCAGGATTGACTTTTTTCTCCAAAACCATATA
CATTTATGGGCAAATTGTGTTCTTTATCACTCCGAGCAAATACTCAGATTTAAAATTACTTTAAAGTC
CTGGTACTTAACAGGCTAACGTAGATAAACACCTTAATAATCTCAGTTAATACTGATTTTCAAACACA
TTTAACTGTTTTCTAATGCTTTGCATTATCAGTTACAACCTAGAGAGATTTTGAGCCTCATATTTCTTT
GATACTGAAAATAGAGGGAGCTAGAACACTTAATGTTTAACTGTAAACCTGCTGCAAGAGCCATAAC
TTTGAGGCATTTTCTAAATGAAGCTGTGGGATCCAGGATTTGTAATTTCTTGATCTAAACTTTATGCTG
CATAAATCACTTATCGGAAATGCACATTTTATAGTGTGAAGCACTCATTCTAAACCTTATTATCTAAG
GTAATATATGCACCTTTTCAAGAAATTTGTGTTTCAGTAAGTAAAGCATATTAGAATAATTGTGGGTGAC
AGATTTTTTAAATAGAATTTAGAGTATTTGGGGTTTTGTTTGTAAATAATCAGACTATAATATTT
AAACATGCAAAATAACTGACAATAATGTTGCACTTGTACTAAAGATATAAGTTGTTCCATGGGTGTA
CACGTAGACAGACACATACACCCAAATTTATGCATTAAGAATCCTGGAGCAGACCATAGCTGAAGCT
GTTATTTTCAGTCAGGAAGACTACCTGTCATGAAGGTATAAAAATAATTTAGAAGTGAATGTTTTCTGT
ACCATCTATGTGCAATTACTCTAAATCCACTACACTACATTAAGTAAATGGACATTCCAGAATAT
AGATGTGATTATAGTCTTAAACTAATTATTATTAACCAATGATTGCTGAAAATCAGTGATGCATTTGT
TATAGAGTATAACTCATCGTTTACAGTATGTTTTAGTTGGCAGTATCATACCTAGATGGTGAATAACAT
ATTCCCAGTAAATTTATATAGCAGTGAAGAATTACATGCCTTCTGGTGGACATTTTATAAGTGCATTTT
ATATCACAATAAAAAATTTTTCTCTTTAA
ACGCGTAAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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\\_002822.5](#)

**Summary:** This gene encodes twinfilin, an actin monomer-binding protein conserved from yeast to mammals. Studies of the mouse counterpart suggest that this protein may be an actin monomer-binding protein, and its localization to cortical G-actin-rich structures may be regulated by the small GTPase RAC1. [provided by RefSeq, Jul 2008]

**Locus ID:** 5756

**MW:** 73.9