

Product datasheet for **SC329948**

PTK9 (TWF1) (NM_001242397) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PTK9 (TWF1) (NM_001242397) Human Untagged Clone
Tag:	Tag Free
Symbol:	TWF1
Synonyms:	A6; PTK9
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329948 representing NM_001242397. Blue=Insert sequence Red=Cloning site Green=Tag(s)

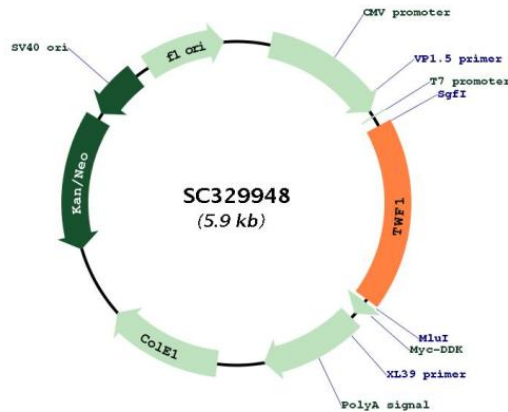
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:



ACCN: NM_001242397

Insert Size: 1074 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001242397.1](https://www.ncbi.nlm.nih.gov/RefSeq/ accession.html?acc=NM_001242397.1)

RefSeq Size: 3083 bp

RefSeq ORF:	1074 bp
Locus ID:	5756
UniProt ID:	<u>Q12792</u>
Cytogenetics:	12q12
Protein Families:	Druggable Genome, Protein Kinase
MW:	41 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1).</p>