

Product datasheet for MC200040

Twf2 (NM_011876) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Twf2 (NM_011876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Twf2
Synonyms:	A6-related; AU014993; Ptk9l; Ptk9r
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003338 sequence for NM_011876

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GCCACATCCTCCGAGCTCTGGGTCCAGGCGAGCCGAGTCGAGCCGGGCCAGGACCAAGAGGAGAACTCC
GACGGCACGGGCGAGCCGAAAGCTGAGCCATGGCGCACCAGACCGGCATCCACGCCACTGAAGAGCTAAA
GGAATTCTTTGCCAAGGCCCGGGCTGGCTCCATCCGACTTATCAAAGTCATCATTGAGGACGAACAGCTC
GTGCTGGGTGCCTCACAGGAGCCAGTGGGACGCTGGGACCAGGACTACGACCGGGCTGTGCTGCCACTGC
TAGACGCCCAAGAGCCCTGCTACCTCCTTCCGACTTGATTGCGAGAATGCTCAGGGTTTCGAGTGGCT
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GCAGGGGCCAGATGTCACAGGAAGGGATGGTTGAATGCTGTATTTGTAAAGAATAAAATATTTTAAAT CAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	RsrII-NotI
ACCN:	NM_011876


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Insert Size:	1050 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC003338 , AAH03338
RefSeq Size:	1556 bp
RefSeq ORF:	1050 bp
Locus ID:	23999
UniProt ID:	Q9Z0P5
Cytogenetics:	9 F1
Gene Summary:	Actin-binding protein involved in motile and morphological processes. Inhibits actin polymerization, likely by sequestering G-actin. By capping the barbed ends of filaments, it also regulates motility. Seems to play an important role in clathrin-mediated endocytosis and distribution of endocytic organelles. May play a role in regulating the mature length of the middle and short rows of stereocilia.[UniProtKB/Swiss-Prot Function]