

Product datasheet for **SC316705**

PIP4P1 (NM_001100814) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PIP4P1 (NM_001100814) Human Untagged Clone
Tag:	Tag Free
Symbol:	PIP4P1
Synonyms:	C14orf9; TMEM55B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316705 representing NM_001100814. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGCGGCAGATGGAGAGCGTTCCCGCTGCTGTCTGAGCCCATCGACGGTGGCGGGCGGCAACGGT
TTAGTGGGGCCCGGGAGTGGGGCTGGGCCCGGGGAGGCCTGACCCCTCCGCACCACCGTACGGA
GCCGTTAAACATGCCCGCCCCAGGCATTTCCCGCTTCCCGAGGGGCATCCAGCCGTGTTGCCTGGG
GAGGACCCACCCCTATTACCCCTTAAGTACCCCGACAGTGGGAGTGGCCCTATGATCACCTGCCGA
GTCTGCCAATCTCTCATCAACGTGGAAGCAAGATGCATCAGCATGTAGTCAAATGGTGTCTGCAAT
GAAGCCACCCCAATCAAGAATGCACCCCGAGGAAAAAATATGTTGATGCCCTGTAAGTGTCTCCTT
ATCTGCAAAGTGACATCCCAACGGATTGCATGCCCTCGGCCCTACTGCAAAGAATCATCAACCTGGGG
CCTGTGCATCCCGGACCTCTGAGTCCAGAACCCCAACCCATGGGTGTGAGGGTTATCTGTGGACATTGC
AAGAATACTTTTCTGTGGACAGAGTTTACAGACCGCACTTTGGCACGTTGTCTCACTGCAGGAAAGTG
TCATCTATTGGGCGCAGATACCCACGTAAGAGATGTATCTGCTGCTTCTTGCTTGCTTGGCTTTGGCA
GTCACCTGCCACTGGCCTTGCTTTGGCACATGGAAGCATGCACGGCGATATGGAGGCATCTATGCAGCC
TGGGCATTTGTCATCCTGTTGGCTGTGCTGTTTGGGCCGGGCTCTTTATTGGGCTGTATGAAGGTC
AGCCACCCTGTCCAGAACTTCTCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites:	SgfI-MluI
ACCN:	NM_001100814
Insert Size:	855 bp


[View online »](#)

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001100814.2</u>
RefSeq Size:	1864 bp
RefSeq ORF:	855 bp
Locus ID:	90809
UniProt ID:	<u>Q86T03</u>
Cytogenetics:	14q11.2
Protein Families:	Transmembrane
MW:	30.2 kDa
Gene Summary:	TMEM55B catalyzes the degradation of phosphatidylinositol 4,5-bisphosphate (PtdIns-4,5-P2) by removing the 4-phosphate (Ungewickell et al., 2005 [PubMed 16365287]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).