

## Product datasheet for SC113127

### TEM7 (PLXDC1) (NM\_020405) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TEM7 (PLXDC1) (NM_020405) Human Untagged Clone
Tag:	Tag Free
Symbol:	TEM7
Synonyms:	TEM3; TEM7
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020405, the custom clone sequence may differ by one or more nucleotides

```

ATGCGAGGCGAGCTCTGGCTCCTGGTGCTGGTGCTCAGGGAGGCTGCCCGGGCGCTGAGCCCCAGCCCG
GAGCAGGTACGATGAGGGCCAGGCTCTGGATGGGCTGCCAAAGGGACCGTGCGGGGCTGGAACCGGAG
AGCCCCGAGAGAGCCCTGGGCATGTGTCAGAGCCGGACAGGACCCAGCTGAGCCAGGACCTGGGTGGGGC
ACCCTGGCCATGGACACGCTGCCAGATAACAGGACCAGGGTGGTGGAGGACAACCACAGCTATTATGTGT
CCCGTCTCTATGGCCCCAGCGAGCCCCACAGCCGGAAGTGGGTAGATGTGGCCGAGGCCAACCGGAG
CCAAGTGAAGATCCACACAATACTCTCCAACACCACCGGAGGCTTCGAGAGTGGTCTTGTCTTTGAT
TTCCCTTTCTACGGGCATCCTCTGCGGCAGATCACCATAGCAACTGGAGGCTTCATCTTCATGGGGGACG
TGATCCATCGGATGCTCACAGCTACTCAGTATGTGGCGCCCTGATGGCCAACTTCAACCCTGGCTACTC
CGACAACCTCCACAGTTGTTTACTTTGACAATGGGACAGTCTTTGTGGTTCAGTGGGACCAGTTCATCTC
CAAGGCTGGGAAGACAAGGGCAGTTTACCTTCCAGGCAGCTCTGCACCATGACGGCCGATTGTCTTTG
CCTATAAAGAGATCCCTATGTCTGTCCCGGAAATCAGCTCCTCCCAGCATCCTGTCAAACCGGCCATC
GGATGCCTTCATGATTCTCAATCCATCCCCGGATGTGCCAGAATCTCGGCGAAGGAGCATCTTTGAATAT
CACCGCATAGAGCTGGACCCAGCAAGGTACCAGCATGTGCGCCGTGGAGTTCACCCATTGCCAGCT
GCCTGCAGCATAGGAGCTGTGACGCCTGCATGTCTCAGACCTGACCTTCAACTGCAGCTGGTGCCATGT
CCTCCAGAGATGCTCCAGTGGCTTTGACCGCTATCGCCAGGAGTGGATGGACTATGGCTGTGCACAGGAG
GCAGAGGGCAGGATGTGCGGAGGACTTCCAGGATGAGGACCAGACTCAGCTCCCCTGACACTTCTCTCA
GCCCTATGATGGAGACCTCACCCTACCTCCTCCTCCTTTCATCGACAGCCTCACCACAGAAGATGA
CACCAAGTTGAATCCCTATGCAGGAGGAGACGGCCTTCAGAACAACTGTCCCCAAGACAAAGGGCACT
CCTGTGCACCTGGGCACCATCGTGGGCATCGTGTGCGAGTCTCCTCGTGGCGGCCATCATCTGGCTG
GAATTTACATCAATGGCCACCCACATCCAATGCTGCGCTCTTCTTCATCGAGCGTAGACCTCACCCTG
GCCAGCCATGAAGTTTCGACGCCACCTGACCATTCACCTATGCGGAGGTGGAGCCCTCGGGCCATGAG
AAGGAGGGCTTCATGGAGGCTGAGCAGTGCTGA

```



View online »

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_020405 unedited  
 NGGGTGCGCAATTGTAACGACTCACTATAGGCGGCCGGAATCGGCACGAGGGCCGCTC  
 CTGCCGGCTCGCCCGGCCCGCGCTCCTCCGTCTCCTCGCCGCCGCCCTCCGCCAGCC  
 CCGGGGACCGCGCGGCCGAGCCTGAGCCAGGGCCCCCTCCCTCGTCAGGACCGGGGCGAG  
 CAAGCAGGCCGGGGCAGGTCCGGGCACCCACCATGCGAGGCGAGCTCTGGCTCCTGGTG  
 CTGGTGCTCAGGAGGCTGCCCGGGCGCTGAGCCCCAGCCCGGAGCAGGTCACGATGAG  
 GGCCAGGCTCTGGATGGGCTGCCAAAGGACCGTGCAGGGGCTGGAACCGGAGAGCCCGA  
 GAGAGCCCTGGGCATGTGTCAGAGCCGGACAGGCCAGCTGAGCCAGGACCTGGGTGGG  
 GGCACCCTGGCCATGGACACGCTGCCAGATAACAGGACAGGGTGGTGGAGGACAACCAC  
 AGCTATTATGTGTCCCGTCTCTATGGCCCCAGCGAGCCCCACAGCCGGAACTGTGGGTA  
 GATGTGGCCGAGGCCAACCGGAGCCAAGTGAAGATCCACACAATACTCTCAACACCCAC  
 CGGCAGGCTTCGAGAGTGGTCTTGTCTTTGATTTCCCTTTCTACGGGCATCCTCTGCGG  
 CAGATCACCATAGCAACTGGAGGCTTCATCTTCATGGGGACGTGATCCATCGGATGCTC  
 ACAGCTACTCAGTATGTGGCGCCCTGATGGCCAACTTCAACCCTGGCTACTCCGACACT  
 NCACAGTTGTTTACTTTGACATGGGACAGTCTTTGTGTNTCAGTGGGACCAGTTTATCT  
 CCAAGCTGGGAAGACAAGGCAGTTTCACCTTCAGCAGCTCTGCCATGACGCCGATTGT  
 CT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_020405 unedited  
 CGCCCGCTTTCTAAAGCCGAGCTTTTCTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTCTTT  
 TTTTTTTTGGAGCAAGGAAAGGGACTTTTTTTCGGAGAGCCCGCAAACCCAAAAAAG  
 GGGGGCAATGGCCTAAAAAACCCCTTTAAAATTATGCGGGCTTTGCCTTGGCTTTTATG  
 TTTAAGCGGGGAAAGGAAGGGGCTTACCACCCAGACCTTTGGACCCCAACAAGGGTC  
 CAGGGGAGGGTCGAAAACCTCTTTGGCCTTGGCTAACAACTGGCATGGGACAATAACC  
 AAACCTCCTCATTCTATAAAAATTAAACAAAAACCGGTAGCTGGTTACATGCTTCCCT  
 TTAATCCCAAAGTTAGTTTTGCAAACCGCATGATTCTGGTTTTGGGTTTTATGTCAGGG  
 CTCTAAAGGTATCCCAACCTAAGGGCCGGAATAGGTAAAGGCCCTTAAACCAAATGGG  
 GGTAGGTATGGTAGCTCTTTTGTGGTTCATGGGTACCAGACACCAAAAAAACCCCTTGC  
 CTTAAAACAGGATGAGAATAAGGTGGTGGTCCCATAAAAAATCCATGGGGGTGTTTTTGG  
 GCCCCCTTCAATATTTGGGGTGTGCTTACCAAACAGCACCACCTCTGGAGCCATAA  
 ACCACCTTCTCTTTACCCACGGCATGCCTGGGAGAGGCCACGAAAAAGCCCTTCCC  
 TTCTTTGCTTTAACCGGCCTCTTTGGGGGCCACGCCTTCAAGGGGAACTTGGNGGTC  
 TCACACCTGGTCAACCCTCCTGAAACCCCTTTTTCATGGCCGAACTCCCCCTCCCCAG  
 GGGAAAGGTGACGGGGCTGGAAACTATGGCCTGCCCGGGACGCTTCCCTCGAGAACAAC  
 CCACATGGCATGGGGTGGCCTTTTGTAAACTCCCCACGAGAAGCCCAACAGAGACTGCC  
 CCCC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_020405

**Insert Size:**

1503 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\\_020405.3](#), [NP\\_065138.2](#)

**RefSeq Size:** 6140 bp

**RefSeq ORF:** 1503 bp

**Locus ID:** 57125

**UniProt ID:** [Q8IUUK5](#)

**Cytogenetics:** 17q12

**Domains:** PSI

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane

**Gene Summary:** Plays a critical role in endothelial cell capillary morphogenesis.[UniProtKB/Swiss-Prot Function]