

## Product datasheet for **SC123186**

### TMED6 (NM\_144676) Human Untagged Clone

#### Product data:

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| Product Type:             | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Product Name:             | TMED6 (NM_144676) Human Untagged Clone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Tag:                      | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Symbol:                   | TMED6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Synonyms:                 | p24g5; PRO34237; SPL9146                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Mammalian Cell Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Vector:                   | <u>pCMV6-XL5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| E. coli Selection:        | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Fully Sequenced ORF:      | <p>&gt;OriGene sequence for NM_144676 edited</p> <pre> AGTTCACCTGCAGAGGAGGCTCCAGAAAGCGGCATGTCCCCTTTGCTCTTTGGGGCTGGG CTGGTCGTTCTGAATCTAGTGACGTCTGCCAGGAGCCAGAAGACAGAACCTCTAAGTGCC TCTGGGGACCAAGCACTCTCCGTGGAGCTGATCGATATGACTTTGCCATCATGATACCT CCAGGAGGCACGGAATGCTTTTGCAATTTGCCACCAGACTGGATACTTCTATTTTCAGT TGCGAGGTTACGCGGACAGTGGGGATGTCACATGACCGGCATGTTGCTGCCACGGCACAT AACCCACAGGGATTTCTCATAGACACCTCCCAGGGTGTTGCGGGCCAGATTAACCTTCTCT ACCCAAGAGACAGGTTTTATCAGCTTTGTCTAAGTAATCAGCATAATCACTTCGGTTCT GTGCAAGTGACCTCACTTTGGGGTCTTCTATGAGGGGCCTGAGACTGATCACAACAG AAGGAAAGAAAACAACCTGAATGATACTCTGGATGCAATTGAGGACGGCACACAAAAGGTG CAGAACAATATCTTTCACATGTGGCGATACTACAACCTTTGCCCGGATGAGGAAAATGGCT GACTTTTTTCCTTATCCAATCAAACCTATAACTACGTGAACCTGGTGGTCGACAGCCAGAGC CTTGTTATTATTCTTTCTGGGATCCTGCAACTGTATTTCTTGAAGCGTCTCTCAATGTT CCAACAACCTACAGATACAAAGAAGCCAAGATGCTAAGCTAAGGTGACTATAGCACCTGG CTGTTTTCTTCTGGGGCTTAGTCGAATCAGCTTTGTAATGTTATGGGACAAAATCAATT ATCTCATTAAATGTTTTAGTCTGCTGCACACATCTAAAAAAGCAAAATGGCAATAAAATCA TAACAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA </pre> |


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| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for NM_144676 unedited</p> <pre> TTTCGAATTTTGTAAACGACTCACTATAGGGCGGCCGCGAATTCGGCCATTACGGCCGG GGAGTTACCTGCAGAGGAGGCTCCAGAAAGCGGCATGTCCCCTTTGCTCTTTGGGGCTG GGCTGGTCGTTCTGAATCTAGTGACGTCTGCCAGGAGCCAGAAGACAGAACCTCTAAGTG GCTCTGGGGACCAGCCACTCTCCGTGGAGCTGATCGATATGACTTTGCCATCATGATAC CTCCAGGAGGCACGGAATGCTTTTGGCAATTTGCCACCAGACTGGATACTTCTATTTCA GTTGCGAGGTTTCAGCGGACAGTGGGGATGTCACATGACCGGCATGTTGCTGCCACGGCAC ATAACCCACAGGGATTTCTCATAGACACCTCCCAGGGTGTTCGGGGCCAGATTAACCTTCT CTACCCAAGAGACAGGTTTTTATCAGCTTTGTCTAAGTAATCAGCATAATCACTTCGGTT CTGTGCAAGTGACCTCAACTTTGGGGTCTTCTATGAGGGGCTGAGACTGATCACAAC AGAAGGAAAGAAAACAAGTANTGATACTCTGGATGCAATTGANGACGGCACACAAAAGG TGCAGAACAAATATCTTTCACATGTGGCGATACTACAACCTTTGCCGGATGAAGAAAATGG CTGACTTTTTCTTATCCAATCAAATACTACGTGAAGTGGTGGTGCACAGCCGAGA GCCTTTGTATTATTCNTTCTGGGATCCTAGCACTGTATTTCTTGAAGCGTCTCTTCAA TGTTNNNCACACTACAGATACCAAGAAGCAAGATGCCTAGCTAAGGTGACTATAGCACCC TGGCTGTTTTCTTCTGGGCTTAATCGAATCANCTTTGTNATGGTATGGGACAAAATCAT TATCTCATAATGGTTTAGTCTGTGTCACACTCTAAAAAGCAAAG </pre> |
| <b>Restriction Sites:</b>           | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACCN:</b>                        | NM_144676                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Insert Size:</b>                 | 937 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>OTI Disclaimer:</b>              | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Components:</b>                  | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq:</b>                      | <a href="#">NM_144676.1</a> , <a href="#">NP_653277.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>RefSeq Size:</b>                 | 937 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>                  | 723 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>                    | 146456                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID:</b>                  | <a href="#">Q8WW62</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>                | 16q22.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Protein Families:</b>            | Transmembrane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |