

## Product datasheet for **MC224326**

### Tulp4 (NM\_001103181) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tulp4 (NM\_001103181) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Tulp4  
**Synonyms:** 1110057P05Rik; 2210038L17Rik; Tusp  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224326 representing NM\_001103181  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACTGCCACGGCAGAATGCTAGCCCATGTCCTCCTGCATGAATCTGATGGCATCCTCAGCATGTCCT  
 GGAATTACCCCATCTTCCTGGTGGAGGACAGCAGTGAGAGTGACTGACTCGGATGATTATTCTCTCC  
 CCAAGATGGGCCCGGGCTTACCCCATCCCTGTGCAGAACACCAAGCCGCTGCTCACCGTCAGTTCACC  
 TCCGGAGACATCAGCTTAATGAACAACATGACGACTTGTCTCCCACTGTCATCCGTTCCAGGGCTGAAAG  
 AGGTGGTGGCCAGTGGTGTACGCAGGGAGACTTACTGGCAGTTGCTGGGATGGAGCAGCAGGCACAGCT  
 CAGCGAACTGCCAATGGTCTCTTCTGAAGAGTGCCATGGTCAAGTTCTACAATGTTAGAGGAGAGCAC  
 ATTTTCACTCTGGATACACTTGTACAGCGCCCTATCATCTCTATCTGTTGGGGCCATCGGGACTCTAGGC  
 TGCTTATGGCTTCAGGACCAGCCCTGTATGTGGTTCGTGTGGAACACCGAGTGCCAGTCTCCAGCTGTT  
 GTGCCAACAGGCCATCGCCAGCACTCTTCGAGAAGACAAGGATGTTAACAAGCTGACCTTGCCCCCTCGT  
 CTCTGTTCCCTACCTCTCCACTGCCTTATTCCCACTATTAAGCCCCGATTCCAGACCCCAACAACATGC  
 GAGACTTGTGAGCTACCCCTCAGCGGGCAATGAACGGCTGCACTGCACCATGAAGCGCACAGAGGATGA  
 CCCAGAGGTGGCGGGCCCTGCTACACACTCTACTTGGAGTACCTGGGAGGGCTCGTGCCCATCTCAAG  
 GGGAGGGCATCAGCAAACCTGCGGCCAGAGTTTGTCTATTATGGACCCCTCGGACAGACAGCAAATCAGATG  
 AGATCTATGGGAACAGCTTAATTTCTACTGTGATTGACAGCTGCAACTGCTCAGACTCCAGTGATATCGA  
 ACTGAGTGATGATTGGGCTGCCAAGAAGTCTCCCAAAATCTCCAGATCTAGCAAATCGCCAAACTCCCA  
 AGGATCAGCATTGAGGCCGAAAGTCACCAAGCTTCCACGGGCTGCTCAAGAGATTTCTCGGTCTCCCC  
 GATTGCCCATGCGCAAGCCCTCCATGGGCTCGCCAGCCTGACACGGAGAGATTTCTTTTGAAGACAT  
 CACTCAGCACAACATCTTGCTCAGGTCACATCCAATATCTGGGAACCAAGTTTAAAGATTGTGGGCTTG  
 GCTGCATTCTACCAACCAACCTCGGTGCAGTAATCTATAAAACCAGCCTGCTGCATCTCCAGCCTCGGC  
 AGATGACCATTTATCTCCGGAAGTTAGGAAGATTTCCATGGACTATATTAACCTGCCTGTCTTCAACCC  
 AAACGTTTTTCAAGTGAAGATGAGGATGACTTACCAGTTACAGGAGCATCAGGTGTCCTGAAACAACCCG  
 CCTGTACAGTGAACATCCCTATTGCACCAATCCACAGCTCTGCTCAAGCTCTGTCTCCACCCAGAGCA



TAGGGCTGGTGCAGTCCCTGCTGGCCAATCAAATGTGCAGTTGGATGTCTTAACCAATCAGACAACAGC  
 TGTAGGGTCAGCAGAGCATGCAGGTGATGCTGCTACCCAGTACCCAGTCTCCAGTCGGTACTCCAATCCT  
 GGACAGGTGATTTTTGGAGGTGTAGAAATGGGCCGCATCATTAGAATCCTCCTCAATTGCCTTTGCCAC  
 CACCGCCACCACCACCACAGGCGCCTATGCAGCTGTCTGCGGTGGACCATGGAGATCGGGACCATGA  
 GCACCTGCAGAAGTCAGCCAAGGCCCTGCGCCAGTGCCTCAGCTGGCTGCCGAGGGGATGCGGTAGTT  
 TTCAGTGCCTCCGAGGAGTCCAGGTGGGAAGATGAATCCCCACCCCGTATCCAGGAACACTCCCTG  
 TTGCCCCACCACGGCTGCACCCACCCCTCTGCCACCACACAGCCCAAGTGGATGTGTGTTTGA  
 GAAGGGTGACTTCTCACTGTACCCTACAGCAGCACATTACCAGCCTCCACTAGGCTATGAGAGGATTACC  
 ACCTTTGACAGCAGTGGCAATGTGGAAGAGGTGTGCCGGCCTCGGACTCGGATGTCTGTCCAGAAACA  
 CCTACACTCTCCCTGGCCAGGCAGTTCTGCCACCTTGAGACTCACAGCCACTGAGAAGAAGTCCCCCA  
 ACCCTGCACCAGTGCAGCTCTGAACCGACTAAGTGTCCCTCGATACTCCATCCCCACAGGGGACCCACT  
 CCTTACCCTGAAATTGCTAGCCAGCTGGCCAGGGGCGGAGTCCCCTCAAAGGCTGGACAACAGTCTCA  
 TCCATGCCACCCTACGAAGGAACAACCGAGAGGTGGCACTTAAGATGGCCAGCTGGCAGACAGCTCCCG  
 TGCCCCACTGCAGCCCTAGCCAAGCCTAAGGGGGTGTCTGTGGGCAGTGGCACAGCTCCAGCAAGA  
 CCTCCACTGCCCTATACACTGCAGCCAGTGCAGTGGAGCAGGGCCAGCTCCAGTCAAGTGCAGCCC  
 TGCCCCATGCTATCAGCACCCTCCCACTGGCCTCCAGTCTCCTATAATCTTCTAAGCCCTCCTGACAC  
 CTCCCCTGATCGTACTGACTATGTCAACTCAGCCTTACCAGGATGAGGCCCTGTCTCAGCACTGTGAG  
 CTGAGAAAGCCTCTGAGGCACCCCACTTCTGAAGTGTCTGTCACCATGAAGCGACCTCCCCCTTACC  
 AGTGGGACCCCATGCTGGGTGAGGACGTTTGGTTCCCGAGAAAGGACAGCACAACTACAGTGCSCAA  
 CCCCTTAAACTGTCCCCCTCATGCTAGGGCAAGGCCAGCACCTGGATGTGGCTCGAGTGCCTTTGTG  
 CCTCCCAAGTCTCCGTCCAGCCCTACTGCCACCTTCCCGACAGGCTATGGGATGGGAATGCCATATCCAG  
 GCAGCTATAACAACCCCTCTTTGCCTGGAGTACAAGTCCATGCTCCCTAAGGATGCCCTGTCCAGGC  
 ACAGTTTGCACAACAGGAGTCTGCTGTGGTACTTCAGCCAGCATACCCACCCAGCCTTCTCTACTGCACC  
 TTGCCCCACATACCCAGGAAGCAGCACCTGCTCCAGTGTACAGCTGCCGCCATCGCCTTGACCCTT  
 GGAACCTCTACAGCACCTGCCGCCATGCAGAACACCCAGGCCACTTCCCCCAAGCCCACTTAGT  
 GGTGGAGAAGCCTCTTGTGTCCCCTCCACTGCCGAGCTCAAAGCCACATGGGCACAGAGGTGATGGTA  
 GAGACTGCAGACAATTTCCAAGAAGTCTCTCTGACAGAAAGCCCTGTACCGCAGAGAACGAAAAAT  
 TCGAAAGAAGAACCAGGAGCCTGGATAGCCGAGCAGAGGAAGGAGTTCAGGCCATCACTGAGGG  
 CAAAGTAAAAAGGATGCTAGGACTTTGAGTGACTTTAATTCTCTCATCTCCAGCCCGCCTAGGGAGA  
 GAGAAGAAGAAAGTGAAGTGCAGAAAGACCAACTGAAGTCAAAGAAGTTGAACAAGACAACGAGTTCC  
 AGGACAGCTCAGAGAGTGAAGCCAGCTGTTTATCAGCGGGATGAGCTGATGAACAAAGCCAGGGCAG  
 CAAGAAGGGGTGAAAAGCAAGAGGAGCCTGCGGACCGCCAGTGAAGTGGAGGAATCAAGTGCSCCAA  
 GCCAGTGAAGAAGGAGATGGGCGGCTGGCAGCCAGGGCTTCGTGTACGTGATGGCAACAGCAGCCAC  
 TGTGGAACGAAGCCACACAGGTGTACCAGCTGGACTTCGGAGGAAGGGTACCCAGGAGTCTGCCAAGAA  
 TTTCCAGATTGAGTTGGAAGGACGACAGGTGATGCAGTTTGGACGGATTGATGGCAACGCATACATCCTA  
 GACTTCCAGTACCCCTTCTCAGCTGTTCAAGGCTTTTGTGTTGCCCTGGCCAATGTGACTCAGCGCTAA  
 AATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001103181

**Insert Size:** 4065 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).

<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>	<u><a href="#">NM_001103181.1</a></u> , <u><a href="#">NP_001096651.1</a></u>
<b>RefSeq Size:</b>	8872 bp
<b>RefSeq ORF:</b>	4065 bp
<b>Locus ID:</b>	68842
<b>Cytogenetics:</b>	17 3.72 cM
<b>Gene Summary:</b>	May be a substrate-recognition component of a SCF-like ECS (Elongin-Cullin-SOCS-box protein) E3 ubiquitin ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) has an alternate 5' terminal exon, which results in a downstream translation start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminus, compared to isoform 1.