

Product datasheet for MC224676

Tulp4 (NM_054040) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tulp4 (NM_054040) 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: >MC224676 representing NM_054040
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTATGCAGCAGTGAACATGGCCTGTGCTTTCAGCGATTCCAACATCCTCTGCCTGTCTGGAAGG
 GCGTGTTCCTCAAGAGTGAGAAGGAGAACTGTGTGCAGAAGGCGCTACTATGAAGAGGGATGTTGGC
 CACAGGCAATGGGCGAGGTGTGGTGGGAGTGACTTTCACCTCGAGTCACTGTCCGAGAGATAGGAGTACA
 CCACAGAGAATAAATTCACCTGCGAGGCCACAACAGTGAGGTTGTGCTGGTGAGATGGAATGAGCCAT
 ACCAGAACTGGCCACATGTGATGCAGACGGAGGAATCTTTGTGTGGATTCAATATGAAGGCAGGTGGTC
 TGTGGAAGTGGTCAATGACCGTGGGGCTCAGGTGAGTGATTTACGTGGAGCCATGATGGGACTCAAGCT
 CTCATTTCATATCGAGATGGGTTTGTCTGGTTGTTCTGTGAGTGGACAAAGACACTGGTCATCTGAAA
 TCAACCTGGAGAGCCAGATCACCTGTGGTATATGGACTCCCGATGACCAGCAGGTGTTGTTGGCACAGC
 AGATGGGCAGGTGATCGTCATGGACTGCCACGGCAGAAATGCTAGCCCATGTCTCCTGCATGAATCTGAT
 GGCATCCTCAGCATGTCTGGAATTACCCATCTTCTGGTGGAGGACAGCAGTGAGATGACACTGACT
 CGGATGATTATTCTCTCCCAAGATGGGCCGCGGCTTACCCATCCCTGTGCAGAACCAAGCCGCT
 GCTCACCGTCAGCTTACCTCCGAGACATCAGCTTAATGAACAACTATGACGACTGTCTCCCACTGTC
 ATCCGTTCCAGGGCTGAAAGAGGTGGTGGCCAGTGGTGTACGCAGGGAGACTTACTGGCAGTTGCTGGGA
 TGGAGCAGCAGGCACAGCTCAGCGAACTGCCAAATGGTCTCTTCTGAAGAGTGCCATGGTCAAGTTCTA
 CAATGTTAGAGGAGAGCACATTTTCACTCTGGATACTTGTACAGCGCCCTATCATCTCTATCTGTTGG
 GGCCATCGGGACTCTAGGCTGCTTATGGCTTCAGGACCAGCCCTGTATGTGGTTCGTGTGGAACACCGAG
 TGTCAGTCTCCAGCTGTGTGCCAACAGGCCATCGCCAGCACTTTCGAGAAGACAAGGATGTTAAACA
 GCTGACCTTGCCCTCGTCTGTCTTCTACCTCTCCACTGCCTTCAATCCCACTATTAAGCCCCGATT
 CCAGACCCCAACAACATGCGAGACTTTGTGAGCTACCCCTCAGCGGCAATGAACGGCTGCACTGCACCA
 TGAAGCGCACAGAGGATGACCCAGAGGTCGGCGGCCCTGCTACACACTTACTTGGAGTACCTGGGAGG
 GCTCGTGCCATTCTCAAGGGGAGGCGCATCAGCAAATGCGGCCAGAGTTTGTGATTATGGACCTCGG
 ACAGACAGCAAATCAGATGAGATCTATGGGAACAGCTTAATTTCTACTGTGATTGACAGCTGCAACTGCT



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CAGACTCCAGTGATATCGAACTGAGTGATGATTGGGCTGCCAAGAAGTCTCCAAAATCTCCAGATCTAG
 CAAATCGCCCAAACCTCCCAAGGATCAGCATTGAGGCCGAAAAGTACCCAAGCTTCCACGGGCTGCTCAA
 GAGATTTCTCGGTCTCCCGATTGCCATGCGCAAGCCCTCCATGGGCTCGCCAGCCTGACACGGAGAG
 AGTTTCTTTTGAAGACATCACTCAGCACAACCTATCTTGTCTCAGGTCACATCCAATATCTGGGAACCAA
 GTTTAAGATTGTGGGCTTGGCTGCATTCTACCAACCAACCTCGGTGCAGTAATCTATAAAACCAGCCTG
 CTGCATCTCCAGCCTCGGCAGATGACCATTTATCTCCCGAAGTTAGGAAGATTTCCATGGACTATATTA
 ACCTGCCTGTCTCAACCCAAACGTTTTTCAGTGAAGATGAGGATGACTTACCAGTTACAGGAGCATCAGG
 TGTCCTGAAAAACAACCCGCCCTGTACAGTGAACATCCCTATTGCACCAATCCACAGCTCTGCTCAAGCT
 CTGTCTCCACCCAGAGCATAGGGCTGGTGCAGTCCCTGCTGGCCAATAAAAATGTGCAGTTGGATGCTCT
 TAACCAATCAGACAACAGCTGTAGGGTCAAGCAGAGCATGCAGGTGATGCTGCTACCCAGTACCCAGTCTC
 CAGTGGTACTCCAATCTGGACAGGTGATTTTTGGAGGTGTAGAAATGGGCCGATCATTGAGAATCCT
 CCTCAATTGCCTTTGCCACCACCGCCACCACCACCACAGGCGCTATGCAGCTGTCTGCGGTGGACC
 ATGGAGATCGGGACCATGAGCACCTGCAGAAGTCAACCAAGGCCCTGCGCCAGTGCCTCAGCTGGCTGC
 CGAGGGGATGCGGTAGTTTTTCAGTGCCCGCAGGAGGTCCAGGTGGCGAAGATGAATCCCCACCCCG
 TATCCAGGAATATCCCTGCTGCCCCACCACGGCTGCACCCCAACCCCTCTGCCACCACCACAGCCCC
 CAGTGGATGTGTGTTTGAAGAAGGGTACTTCTACTGTACCCTACAGCAGCACATTACCAGCCTCCACT
 AGGCTATGAGAGGATTACCACCTTTGACAGCAGTGGCAATGTGGAAGAGGTGTGCCGGCCTCGGACTCGG
 ATGCTCTGTTCCAGAACACCTACACTCTCCCTGGCCAGGCAGTTCTGCCACCTTGAGACTCACAGCCA
 CTGAGAAGAAGTCCCCAACCTGCACCAGTGGCAGTCTGAACCGACTAACTGTCCCTCGATACTCCAT
 CCCACAGGGGACCCACCTCCTTACCCTGAAATGCTAGCCAGCTGGCCAGGGGCGGAGTGCCGCTCAA
 AGGCTGGACAACAGTCTCATCCATGCCACCCTACGAAGGAACAACCGAGAGGTGGCACTTAAGATGGCC
 AGCTGGCAGACAGCTCCCGTGCCCACTGCAGCCCTAGCCAAGCCTAAGGGGGTGTCTGCTGGGCGAGT
 GGCACAGTCCCAGCAAGACCTCCACCTGCCCTATACACCTGCAGCCAGTGCAGTGGAGCGCCAGC
 TCCAGCTCAGGTGCAGCCCTGGCCATGCTATCAGCACCTCCCACTGGCCTCCAGTCTCCTATAATC
 TTCTAAGCCCTCCTGACACCTCCCGTGTACTGACTATGTCAACTCAGCCTTACCAGGATGAGGC
 CCTGTCTCAGACTGTCAGTCTGAGAAGCCTCTGAGGCACCCCACTTCTGAAGCTGTGTACCATG
 AAGCGACCTCCCCCTTACCAGTGGGACCCATGCTGGGTGAGGACGTTTGGGTTCCCGAGAAAGGACAG
 CACAACCTACAGTGCCAACCCCTTAAACTGTCCCCCTCATGTAGGGCAAGGCCAGCACCTGGATGT
 GGCTCGAGTGCCTTTGTGCTCCCAAGTCTCCGTCCAGCCCTACTGCCACCTTCCCGACAGGCTATGGG
 ATGGGAATGCCATATCCAGGCAGCTATAACAACCCCTCTTTGCTGGAGTACAAGCTCCATGCTCCCCTA
 AGGATGCCCTGTCCAGGCACAGTTTGCACAACAGGAGTCTGCTGTGGTACTTACGCAGCATAACCACC
 CAGCCTTTCTACTGCACCTTGGCCCCACATACCCAGGAAGCAGCACCTGCTCCAGTGTACAGTGCCTG
 CCCATCGCCTTGACACCTTGAACCTCTACAGCACCTGCCCGCCATGCAGAACCCAGGGCACTCTTC
 CCCCCAAGCCCACTTAGTGGTGGAGAAGCCTCTGTGTCCCCTCCACCTGCCGAGCTCCAAAGCCACAT
 GGGCACAGAGGTGATGGTAGAGACTGCAGACAATTTCCAAGAAGTCTCTCTGACAGAAAGCCCTGTA
 CCGCAGAGAACGGAAAAATTCGGAAGAAGAACCAGGAGCGCCTGGATAGCCGAGCAGAGGAAGGAAGTG
 TTCAGGCCATCACTGAGGGCAAAGTGAAGAAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 AACAGACAACAGAGTTCCAGGACAGCTCAGAGAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGTGAAGT
 TGAACCAAGCCAGGGCAGCAAGAAGGGTGGAAAGCAAGAGGAGCCTGCGGACCCAGTGAAGTGAAGT
 GGAATTCAAGTGCAGCAAGCCAGTGAAGGAAGATGGGCGGCTGGGCAGCCAGGGCTTGTGTACGTTG
 ATGGCCAACAAGCAGCCACTGTGGAACGAAGCCACACAGGTGTACCAGTGGACTTCGGAGGAAGGGTGA
 CCCAGGAGTCTGCCAAGAATTTCCAGATTGAGTTGGAAGGACGACAGGTGATGCAGTTTGGACGGATTGA
 TGGCAACGCATACATCTAGACTTCCAGTACCCTTCTCAGCTGTTCCAGGCTTTTGTGTTGCCCTGGCC
 AATGTGACTCAGCGCCTAAAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_054040

Insert Size:	4644 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:	<ol style="list-style-type: none">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_054040.3</u> , <u>NP_473381.1</u>
RefSeq Size:	9714 bp
RefSeq ORF:	4644 bp
Locus ID:	68842
UniProt ID:	<u>Q9JIL5</u>
Cytogenetics:	17 3.72 cM
Gene Summary:	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 (1) encodes the longer isoform (a).