

Product datasheet for **MC202681**

Tulp3 (NM_011657) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tulp3 (NM_011657) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tulp3
Synonyms:	2310022L06Rik; AI316887
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC060068 sequence for NM_011657
 GGTATGGAGGCGGCGCGCTGCGCACCCGGACCCCGGGGACAGTGCCTTTGACGATGAGACCCTGAGGC
 TTCGGCAGCTGAAGCTGGACAATCAGAGGGCACTGCTGGAGAAGAAGCAGAGAAAAGCGCCTTGAGCC
 ACTCATGGTACAGCCAAACCCAGAAGCCAGGCTGCGAAGGTTAAAGCCACGAGGCAGTGAGGAGCACAG
 CCTCTGGTGGACCCTCAGATGCCTCGCAGCGACGTCATCTACACGGCATCGACGGTCCAGCTGCTTTCC
 TTAAGCCAGAGGCTCAGGATTTGGAAAGCAAGCCTCAGGTTCTCTCTGTGGGCTCCCCTGCCCCAGAAGA
 AGGCACGGAAGGGAGTGCAGATGGGAAAAGCCCGAGGAGACAGCCCCCAAGCCAGACCTTCAGGAGATT
 CTCCAAAAACACGGCATCTTGAGTAGTGTGAAGTATGACGAGGAGCCTGACAAGGAGGAAGATGAGGGGG
 GAAACCTCAGCTCCCGTCGGCTCGCTCAGAGGAGAGTGTGCAGCCAGCCAGAAAAGCAGCCTCGGAGAC
 AGGAGCTTCCGGTGTGACAGCCAGCAGGGTGACGCCAGCTTGGAGAAGTGGAGAATTTAGAGGACTTT
 GCGTATAGCCCTGCCCTCGGGGTGCACGGTGAAGTGTAAAGTAACCAGGGATAAGAAAGGCATGGACC
 GTGGCCTCTTCCCACCTACTATATGCACCTGGAACGGGAGGAGAACCAGCAAGATATTTCTTCTAGCCGG
 TAGAAAGCGGAAAAGAGCAAAACGTCCAACCTACCTGGTCTCCACAGACCCGACAGATTTGTCTCGTGAA
 GGGGAAAGTTACATTGGCAAACCTCAGATCCAATCTCATGGGACCAAGTTCACAGTGTATGACCATGGTG
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 AGAGCAACATTCTGCCCTCTGGTGAATGATCCAGTGTGTGTGTGTGTGAATGTGCATGTGTGTGTTT
 GTTTATACATGCATACACATTACACATGGATGCATGCTTCCACGTAAGTCTGTTTCTCTGAACT
 TCAGAGACCTGGTATAGATTACAACCTTCTCATGTGTGAGAGATGGCTTAAAGCACAGGGAAGTAGACAC
 CCAGGCACACTGGTGTCTCTGATCGCACAAACAGACTCTGTGTGGTGAAGTGTAGCTTTTATGTGCTCGGG
 CACTTCCAACAGAATCAGGTTCTAATGATTTAATACTTGGGCTCCTGTTTTGAAGGCCCTTTCAAAGG
 GGGCTTTTCCCTTGGATGCCTTTAGCCAGGAGCCTGCAGCCTTCTCAGCCAATGGTCTGATAGTGTCT
 CTTGCACTGACCCAGTCAAGTCTTTAGCACAAAACAGCCATAACTAGTTGGTGCACAAAGAGTGTAGC
 TGTGTCCCAATAAACTTTATTTACAAAGTGGGCAATTGGCCTAGTTTGGCCTGTGACTCTGTTTCGACAG
 CCTGCCTTGGCTGTGCTCCTGCTCCTCAAGGCTGGAGCATCTTCCAGGCTAGATGTGAGAGGCGGGGGG
 TGGTTTACTTTTCAAGTAGCAGCAGACTGACATTTATTTTTATTTTTACTTTATTTTTTTTTCCCATGGA
 TCTCTGTGTAGCCCTGGCTATCCTGGAACCTTATCTGTAGACCAGGCTGGCCTCAGAGATCCACCTGCCT
 CTGCCCCCAAGTGTGGAATTAAGGCTTACACTACTGTGCCTGGCCATAGACAGACTCTTAAGAGGAA
 TTCTTGCCGAATCTACTTGGTAGCTTTTGCCTCATGGAGATTATGGCTGCAGAGTGTGCATATATCATC
 TTGGGACATGTGACACTAGTTTGTTCGTGGGTCTGAAAGGCTCTGCTGTCCCCAGCCTGCCTCTTGCTTA
 TTCTCAGAGTAGGTTGGTGGGACGCCATCTCAGAAGCATGACTGTGGCCAGATCTTCGGAATCTTTGCTC
 TCTGGAATCTTAATCTAGTGTCTCCTTAGAGGAGCAAGAGTCTTGGTGAAGGAGTCCCTCGCCGACAC
 TCCACAGGCTTTGCCTGTGAGCTTTGCCTCCAGCCTCGAAACCTGGCCACACCCAGTGGAGACACTGCC
 CTGCATGTGAGTCTTTGAGATCTTGAACATCTCGAACATCTCCAGCGAATCATGACAAATTCCTCAAG
 GTCCCCAGCCTACAGTGTACCTGAACTTAAAGATTCAAAAACCTTTGGGTCTACATTACAGTGGTCCCCAC
 TCTCAAACCTGGCAACTGCTCCGTGGTTTTTCTGTATGGAGGAGTCCCTGCATCCCTGCATCCTGTTGC
 TCCATGCTCACAGCTGTGTGACGACTACAGCGTGAGATCTGGGAGGTGAGACCTGTGCTAAGGCCAGTGT
 CTTGCCTGTCCCTCAGATGTCACTGTCTGCTCTGCTGCTGGCAGGCGTCCCATCAAGTGCCTGTTTCAAAA
 TGTGCTCTGAAACCTGACACACCTCTGCTTTCCAGACGAGCCACCTTTGTTGAGTGAAGTGTCTCTCT
 GTCTCCACTTGAAGGGGGTGGGGCTATGACTTTCTGCCAGCCTAGAGAGCTGTATACTCCCATTTTCATG
 GACTCTGCTTGTGTGAGGTTTTACATGAATCTATTTATACCTTTTGTATGCCACATAAATAAAGAT
 AATTTATATAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAT

Restriction Sites: Ascl-NotI

ACCN:	NM_011657
Insert Size:	1383 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:	BC060068 , AAH60068
RefSeq Size:	3332 bp
RefSeq ORF:	1383 bp
Locus ID:	22158
UniProt ID:	O88413
Cytogenetics:	6 62.96 cM
Gene Summary:	Negative regulator of the Shh signaling transduction pathway: recruited to primary cilia via association with the IFT complex A (IFT-A) and is required for recruitment of G protein-coupled receptor GPR161 to cilia, a promoter of PKA-dependent basal repression machinery in Shh signaling. Binds to phosphorylated inositide (phosphoinositide) lipids. Both IFT-A- and phosphoinositide-binding properties are required to regulate ciliary G protein-coupled receptor trafficking. Not involved in ciliogenesis.[UniProtKB/Swiss-Prot Function]