

Product datasheet for **SC122654**

TULP2 (NM_003323) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TULP2 (NM_003323) Human Untagged Clone
Tag:	Tag Free
Symbol:	TULP2
Synonyms:	CT65; TUBL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_003323 edited
 GGAAGTGGAGAGTGGAGGGTCCAGAGGGAGTGGACCAGTTCAGGTCCCAGGGGAATCCT
 CCCTCCCTCTGAGCCGTCTTCTCTCCTCCCTATTTTCGAGATATCCCGAGATTAGGTC
 CCCAGCTTCCAAAGAGAGGATCAGAATGTCTCAGGATAATGACACATTGATGAGAGACAT
 CCTGGGGCATGAGCTCGCTGCTATGAGGCTGCAGAAGCTGGAACAGCAGCGGCGGCTGTT
 TGAAAAGAAGCAGCGACAGAAGCGCCAGGAGCTCCTCATGGTTCAGGCCAATCCTGACGC
 TTCCCCGTGGCTTTGGCGCTCTTGTCTGCGGGAGGAGCGCCTTTTAGGTGACAGAGGCCT
 TGGGAACCCTTTCTCCGGAAGAAAGTGTGAGAGGCACATCTGCCCTCTGGCATCCACAG
 TGCCCTGGGCACCGTGTGCTGTGGTGGAGACGGCAGGGGCGAGCGCGCCTCCCCGACACC
 GCGGACAGAAGCAGTGTTCAGGAATCTCGGTCTCCAGTCCCCTTTCTTATCCTGGCTCCC
 AGACAATTCGATGCAGAATTGGAGGAAGTCTCCGTGGAGAATGGTTCCTCTCTCCCC
 ACCTTTTAAACAGTCTCCGAGAATCCGACGCAAGGTTGGCAAGCCACCAACGACCTGG
 GACCCGTGCAGAGGGTGTGAGTGTACTCCAGGATATGGGAGATGCACACAAGTACCCAA
 TATGGGACCAAACCTGGAATGGATGGTACTGTGTATATGAAAACCTGGCCTTCCAAAA
 GGAAGAAGACTTGAAAAGAAGAGAGAGGCCTCTGAGTCTACAGGACGAACTCCTCAGC
 AGCACACAACGAAGATGTCCAAGGCCCTGAAAGGCGAGGGTGGCACGGACAGCGACCA
 TATGAGGCACGAAGCCTCCTTGGCAATCCGCTCCCCCTGCCCTGGGCTGGAGGAGGACAT
 GGAAGCCTACGTGCTGCGGCCAGCGCTCCCGGGCACCATGATGCAGTGTACTACCCCG
 TGACAAGCACGGCGTGGACAAGGGCTTGTTCCTCTACTACCTTACCTGGAGACCTC
 TGACAGCTGCAGCGCTTCTCCTGGCTGGGCGAAAGAGAAGAAGGAGCAAAACTTCTAA
 TTACCTCATCTCCTGGATCCTACACACCTATCTCGGGACGGGGACAATTCGTGGGCAA
 AGTCAGATCCAATGTCTTCAGCACCAAGTTCACCATCTTTGACAATGGGGTGAATCCTGA
 CCGGGAGCATTAAACAGGAATACTGCCCGATCAGACAGGAGCTGGGGGCTGTGTGTTA
 TGAGCCCAACGTCTTAGGATACCTGGGGCTCGGAAAATGACTGTGATTCTCCACAGAAC
 CAACAGCCAGAACCAGCGAATCAATGTCCAGCCACTAAATGAACAGGAGTCGCTACTGAG
 TCGTTACCAACGTGGGACAAAACAAGGGTTGCTTTTGTGACAAACAAAACCCCGTCGTG
 GGACAAGGAGAACGGTGTCTACACGCTCAATTTCCATGGTTCGAGTCACTCGGGCTTCGGT
 GAAGAACTTCAAATCGTGGATCCCAAACACCAAGAACATCTGGTGTCCAGTTCGGCCG
 AGTGGGCCAGACACATTACCATGGACTTCTGCTTTCCATTTAGCCCGTCCAGGCCTT
 CAGCATCTGCTTGTCCAGTTTCAATTAGAAGCTGGCTGTTGAATAACTCAATAAAAATACC
 ATACCCTCAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_003323 unedited
 GGTGAGAAATTTGTATACGACTCATATAGGCGGCCGATAACTTCGTATAGCATAACATTAT
 ACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGGGAAGTGG
 AGAGTGGAGGGTCCAGAGGGAGTGGACCAGTTCAGGTCCCAGGGGAATCCTCCCTCCCT
 CTGAGCCGTCTTCTCTCCTCCCTATTTTCGAGATATCCCGAGATTAGGTCCCAGCCTT
 CCAAAGAGAGGATCAGAATGTCTCAGGATAATGACACATTGATGAGAGACATCCTGGGGC
 ATGAGCTCGCTGCTATGAGGCTGCAGAAGCTGGAACAGCAGCGGCGGCTGTTTAAAAGA
 AGCAGCGACAGAAGCGCCAGGAGCTCCTCATGGTTCAGGCCAATCCTGACGCTTCCCCGT
 GGCTTTGGCGCTTGTCTGCGGGAGGAGCGCCTTTTAGGTGACAGAGGCCTTGGGAACC
 CTTTCTCCGGAAGAAAGTGTGAGAGGCACATCTGCCCTCTGGCATCCACAGTGCCTGN
 GCACCGTGTGCTGGTGGAGACGGCAGGGGCGAGCGCGCCTCCCGACACCGCGGACAG
 AAGCAGTGTTCANGAATCTCGGTCTCCAGTCCCCTTTCTTATCCTGGCTCCAGACAATT
 CCGATGCAGAATTGGGAGAAGTCTCCGTGGAGAATGGGTCCGTCTCTCCCCACCTTTTA
 ACAGTCTTCGAGAATCCGACGCAGGGGTTGGGACGCCACAACGACCTGGGACCCGTGCA
 GAGGGTGTGAGTGTACTCCCAGATATGGGAGATGCACACAGTACCAATATGGGGACCAA
 CCCCAGAAATGGATGGTACTGTGTATGAAAACCTGGCCCTCCCAAAGAAAAAACTGGA
 AAAGAAGAAGAAGCCC

Restriction Sites: Please inquire
ACCN: NM_003323

Insert Size:	1760 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_003323.1, NP_003314.1</u>
RefSeq Size:	1733 bp
RefSeq ORF:	1563 bp
Locus ID:	7288
UniProt ID:	<u>O00295</u>
Cytogenetics:	19q13.33
Gene Summary:	TULP2 is a member of a family of tubby-like genes (TULPs) that encode proteins of unknown function. Members of this family have been identified in plants, vertebrates, and invertebrates. The TULP proteins share a conserved C-terminal region of approximately 200 amino acid residues. [provided by RefSeq, Jul 2008]