

Product datasheet for **RG205311**

TULP2 (NM_003323) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TULP2 (NM_003323) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	TULP2
Synonyms:	CT65; TUBL2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG205311 representing NM_003323
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCTCAGGATAATGACACATTGATGAGAGACATCTGGGCATGAGCTCGCTGCTATGAGGCTGCAGA
 AGCTGGAACAGCAGCGGGCTGTTTAAAAAGAAGCAGCGACAGAAGCGCCAGGAGCTCCTCATGGTTCA
 GGCCAATCCTGACGCTTCCCGTGGCTTTGGCGCTCTGTCTGCGGGAGGAGCGCCTTTAGGTGACAGA
 GGCTTGGGAACCTTCTCCGGAAGAAAGTGTGAGAGGCACATCTGCCCTCTGGCATCCACAGTGCC
 TGGGCACCGTGTGGTGGAGACGGCAGGGCGAGCGGCCTCCCGACACCGCGGACAGAAGCAGT
 GTTCAGGAATCTCGTCTCCAGTCCCCTTTCTTATCTGGCTCCCAGACAATTCGATGCAGAATTGGAG
 GAAGTCTCGTGGAGAATGGTCCGTCTCTCCCCACCTTTAAACAGTCTCCGAGAATCCGACGCAAGG
 GTTGGCAAGCCCAACGACCTGGGACCGTGCAGAGGGTGTGAGTACTCCAGGATATGGGAGATGC
 ACAAGTCAACCAATATGGGACCAACCTGGAATGGATGGTACTGTGTATATGAAAATTGGCTTC
 CAAAAGGAAGAAGACTTGGAAAAGAAGAGAGAGGCCTCTGAGTCTACAGGACGAACTCCTCAGCAGCAC
 ACAACGAAGATTGTCCAAGGCCCTGAAAGCGAGGGTGGCACGACAGCGACCATATGAGGCACGAAGC
 CTCTTGGCAATCCGCTCCCCTGCCCTGGGCTGGAGGAGGACATGGAAGCCTACGTGCTGCGGCCAGCG
 CTCCCGGACCATGATGCAGTGTACCTACCCGTGACAAGCAGCGCTGGACAAGGGCTTGTCCCCC
 TCTACTACCTCTACCTGGAGACCTCTGACAGCCTGCAGCGCTTCTCTGGCTGGGCGAAAGAGAAGAAG
 GAGCAAACTTCTAATTACCTCATCTCCCTGGATCCTACACACCTATCTCGGGACGGGACAATTCGTG
 GGCAAGTCAGATCCAATGTCTTCAGCACCAAGTCCACATCTTGACAATGGGGTGAATCTGACCGGG
 AGCATTAAACAGGAATACTGCCCGGATCAGCAGGAGCTGGGGCTGTGTGTTATGAGCCCAACGTCTT
 AGGATACCTGGGCTCGGAAAATGACTGTGATTCTCCAGGAACCAACAGCCAGAACCAGCGAATCAAT
 GTCAGCCACTAAATGAACAGGAGTCTGCTACTGAGTCTTACCAACGTGGGACAAAACAAGGTTGCTTT
 TGTTCACAACAAAACCCGCTCGTGGGACAAGGAGAACGGTGTCTACACGCTCAATTTCCATGGTCGAGT
 CACTCGGGCTTCGGTGAAGAACTTCAAATCGTGGATCCCAAACCAAGAACATCTGGTCTCCAGTTC
 GGCCGAGTGGGCCAGACACATTACCATTGACTTCTGCTTTCCATTTAGCCCGCTCCAGGCCTTCAGCA
 TCTGCTTGTCCAGTTCAAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG205311 representing NM_003323
 Red=Cloning site Green=Tags(s)

MSQDNDTLMRDILGHELAAMRLQKLEQQRRLEFEKKQRQKQELLMVQANPDASPWLWRSCLREERLLGDR
 GLGNPFLRKKVSEAHLPSTGHSALGTVSCGGDGRGERGLPTPRTEAVFRNLGLQSPFLSWLPDNSDAELE
 EVSVENGSVSPPPFKQSPRIIRKQWQAHQRPQTRAEGESDSQDMGDAHKSPNMGPNPMDGDCVYENLAF
 QKEEDLEKKREASESTGTNSSAAHNEELSKALKGEGGTDSDHMRHEASLAIRSPCPGLEEDMEAYVLRPA
 LPGTMMQCYLTRDKHGVDKGLFPLYLYLETSDSLQRFLLAGRKRRRSKTSNYLISLDPHTLSRDGNFV
 GKVRSNVFSTKFTIFDNGVNPDRHLTRNTARIRQELGAVCYEPNVLYLGPVKMTVILPGTNSQNRIN
 VQPLNEQESLLSRYQRGDKQLLLLLHNKTPSWDKENGVYTLNFHGRVTRASVKNFQIVDPKHQHEHLVLFQ
 GRVGPDTFTMDFCFPFSPQLQAFSICLSSFN

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_003323

ORF Size: 1560 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_003323.3](#)

RefSeq Size: 1733 bp

RefSeq ORF: 1563 bp

Locus ID: 7288

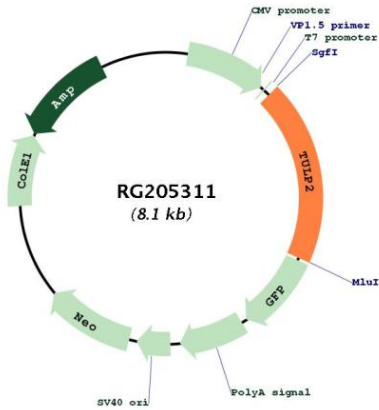
UniProt ID: [O00295](#)

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]

Product images:



Circular map for RG205311