

Product datasheet for **SC216062**

TULP3 (NM_003324) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TULP3 (NM_003324) Human 3' UTR Clone
Symbol:	TULP3
Synonyms:	TUBL3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_003324
Insert Size:	1724 bp



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Insert Sequence: >SC216062 3'UTR clone of NM_003324
The sequence shown below is from the reference sequence of NM_003324. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTTTGACAGTAAGCTGGCGTGTGAATGAGAGAACAGTCAGGCAGGGAGCCCTTCTCCCCACAGAGCT
TTCAGGAGCAGACAGTGGCCTCCCTTCCCTCCCTGCCCGAGGACTTAAAGAGCAATAGTTTGCCCTT
TTTGAATGATCTCTGAATATATAAAACACACACACAAAGAGCAATAGTTTGCCCTTTTGAACGACC
CCTGAATATATAAAACACACACACGAAGAGCAATAGTTTGCCCTTTTGAACGACCCCTGAATATATA
AAACACACACGAAGAGCAATAGTTTGCCCTTTTGAACGACCCCTGAATATATAAAACACACACACGA
AGAGCAATAGTTTGCCCTTTTGAACGACCCCTGAATATATAAAACACACACACACCCCGCGCACTCT
CACTCCTTTTCCAGGTTTCATAGACTTGGTGAGGGATCACAGCTTAGCATGGGTGAGAGATGATTTAAA
GCACAGGGAGATTCTTGTCACATTGGGGTCTCCAAAGCTAGAATGGGATTTTCATGTGCTTGAAACTTG
CAGTAGAATCAGGAGCTGACATCGAGTTCCTCTCCTCTTTCATTCCCTCACAGCAGATTGGCCGCA
CCAATCTTAGTCAAGAGTGGCTGTGATCACATTTGTGATCAATTATGTGAGAATTTATATAATTGTCT
TCATTTCAATTAAGGCTGAAAGCATAACTCTAGAGGTGACTCAGTCAGGACTGACAGTAATGTGATAA
TTGCCCTTCATTTCAACCCAGGAGTGCCTCTCACAGCTATATGACTACGGATCCATTAGTGAGGAGCGA
CACACACACCTGTAGGCATCCTGTGCAAACTTTGTCTATTATCAAGAGAGATGGCAGTATTGACCATT
TAGTTTAGTTAAAAAAGGTGGCAGGAGAGGCTTTGGGGAGGATCAGCCAGCAGACATG
AGCACTGCTGGCCGTGTGGCAGAGCTGTGGACTTTCTCTCGGCTCCCTCAACCTGGCTCAGGCACA
GAAGGTGTTTTGCTACGTTTTTTGATTATTACACCCCTCCACGATTATGTGACTCTTACACGATTC
ACCTTCCCAGAATGTATCCAAACCTTGAGAATGCAGGAGCTCTGTGAGCTCCACCGTCAGCACCATTC
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GACCTCCCTTCTGTGGACTGACCTCTCACCTCCGCTGTTGTTCTGCACCACATCAGATAAGCATGTG
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AGGACGAGACTGTTTCCATCTCAGGCATGTATCCACCAAGTGCCTCCCTCACAGCCATGCCAGAAGC
CTCACACCTCGTACCACCACACCCCCACCCATCCTGAGGCACTGCCTGGCAGATAACCTGGTTG
GCCACAGAAGCTATTAATACACGACAGCATGTGGGAAGGACTTATGGTGGGCCAGGTGGACCTCATCC
TGCTTCTCCTCCCTCTGTTTTAAAGAGATATATAAACTAATTTACATAATTTGTGTGTCAGGTGAT
TGGTTTTTACATAAGTCCTATTTATACCTTTTATATGTTACAGAAATAAAAGTTAATTTATATAAAAA
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_003324.5](#)

Summary:

This gene encodes a member of the tubby gene family of bipartite transcription factors. Members of this family have been identified in plants, vertebrates, and invertebrates, and they share a conserved N-terminal transcription activation region and a conserved C-terminal DNA and phosphatidylinositol-phosphate binding region. The encoded protein binds to phosphoinositides in the plasma membrane via its C-terminal region and probably functions as a membrane-bound transcription regulator that translocates to the nucleus in response to phosphoinositide hydrolysis, for instance, induced by G-protein-coupled-receptor signaling. It plays an important role in neuronal development and function. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, May 2009]

Locus ID:

7289

MW:

63.9