

Product datasheet for **RR206293**

Tulp2 (NM_001012168) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tulp2 (NM_001012168) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tulp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR206293 representing NM_001012168
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCTAACACACCTCCCATGACTCCCTAGTGTGGGAGCCCTTTCCTCCAGGAGAACGTACCACAGG
 CACATCTGCCCTCAGGGGCACACAGTGCCTTGTCAACCATGAGCTATGTGGAGATGGGAGTGGTGAAGC
 GGCCCTCTACTGTCACCCAGAGGAGCAGTATACACTCGGGCAATGGCCTGCGGTCCGCCATCTCTGC
 TGGCTCCCAGACAGCTCCGATTGATGTGGAGGAAGTACCATGGAAGACATTCTGTCTCTCCCGAC
 CTCCAAGACGCACCTGGCAAACCGACGACGGGCTGGTTAGCCTCCCAGGACCCGGGATCAGTGAAGA
 GGAAGAGGTTGAACCAAGGATGCCAGAGTTGAAGACAAGACACCCAGCCAGACCCAGACCCACAGAA
 AACTCTGATAGAGTTCATGGAGACTCGGCATCTGCAATATGGAGGAAAACACAGCCAAAAGAATATAG
 AAACAGCCTCTGGCATTGGGATGAAGACCCGGAGAAGAAAGAGGCCACAGAGTCTACAGAGACAAACA
 TGCCCTAGTGGCATCCAAGGCTTGCAAGGAGATGGTACACCAGTAACACAGTCTTGAACATGACC
 TGCCCATGCCTCGCACTCCAGGCTCTCGCTCGGGGAGGACATGGAAGCTTACGTGTTGCTCCCTGCAC
 CCCGAGAACACATGGTGCAGTGCAGCATCGTCCGAAACAAGCATGGAGTGGACAAGGGCATGTTCCCTTC
 CTAACCTCTACCTGGAGGCAGAGGATGGTGTAGCAGTACGCTCCAGCCCTTTGGGGCATTTCCTTCTG
 GCTGGGCGGAAAAGGAAACGAAGCAAACCTCAAATTACCTCATCTCCCTGGACCCAAAGACATGTCTC
 GCAATGGGAACAACCTTTGTAGGCAAAGTTAGATCTAATGTCTTGGGCACGAAATTCACCATCTTTGATA
 TGGGGTGAACCTGAGCGTAACTACTGGATTCCAGACAGTGCCTGGATCAGAGAGGAGTTGGGAGTTGTA
 TGTTATGAGACCAATGTCTTGGGATCAGGGGGCTCGGAAAATGACCGTATCTCCAGGAATGGACA
 GCCGGAAGCAGAGGATGAAAGTACAACCAAAAATGATCAGGATCAATACTGAGTCGCGTACAGAAAGG
 CGCTAGACATGGGCTGCTCCTACTGCAGAACAAAGGCCCATCGTGGAGCGACGAAAGCGCGCATACGTA
 CTAATTTTCATGGTTCGCGTACGCGGGCTTCTGTCAAGAATTCCAGATAGTGCACCCGGATGAACCGG
 ACCACCTGGTGTCCAGTTTGGCCGTGTAGCACCAACATATTACAGATGGATTTCCGATATCTCTTTG
 CCCGCTCAAGCCTTCGCCATCTGCTTATCCAGTTTCGATGGGAAACTGGCGTGTGAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206293 representing NM_001012168
 Red=Cloning site Green=Tags(s)

MPNTPPHDSLGVGSPFLQENVPQAHLPSGAHSALVTMSYVGDGSGERAPLLSPRGAVYTRGNPAVRHLC
 WLPDSSSDVVEVTMEDIPVISRPPKTHLANRRRGWLASPGGISEEEEEVEPKDARVEDKTPSPDPDPT
 NSDRVHGDSASCNMEENTAKKNIETASGIGDEDPEKKEATESTE TNNALVASKVLQGDGDTSNHSAWNMT
 CPMPTGPRPRLGEDMEAYVLLPAPREHMVQCRIVRNKHGVDKGMFSPSYLLYLEAEDGVAVRSSLGHFLL
 AGRKRKRSKTSNYLISLDPKMSRNGNMFVGKVRSNVLGTFKTFIFDNGVNPERNYWIIPDSARIREELGVV
 CYETNVLGFRGPRKMTVILPGMDSRKQRMKVQPNDQDSILSRVQKGRHGLLLLQNKAPSWSESGAYV
 LNFHGRVTRASVKNFQIVHPDEPDHLVLQFGRVAPNIFTMDFRYPLCPLQAFIICLSSFDFGLKACE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

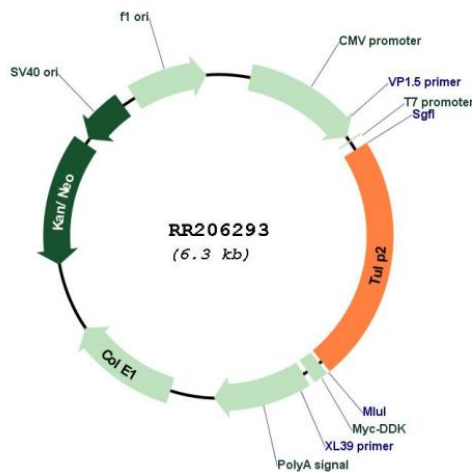
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001012168

ORF Size: 1458 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_001012168.1](#), [NP_001012168.1](#)

RefSeq Size: 1605 bp

RefSeq ORF: 1461 bp

Locus ID: 361576

Cytogenetics: 1q22

MW: 53.6 kDa