

Product datasheet for **RR214034**

Tulp1 (NM_001107642) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tulp1 (NM_001107642) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tulp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR214034 representing NM_001107642
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCCACTGCAAGAGGAGACCCCTTCGGGAAGTGTGGGCCTCAGACAGTGGCCACGAAGAGGACTGGCTGA
 GCCCGGAGCCTCCACCGCGCCCCAAACAGCGACCTGCCAGGGACAGAAGTTGAGAAAAAGAAACCCGA
 GACCCCGAGTCCCCTGAATCCAAACCCCTCGTAGAGCTGGGGCTGGGCGCAGGAAGCACGGGGAGCCG
 CCTGCAGACCCCGCAGAGCCGCGCAGGAGCAGACAGTCTACGCCAAGTTCCTTCGGGATCCTGAGGCCA
 AGAAGCGGGACCCCGGGAGACCTTCCTGGTTGCTCGCGCCCAGATGTGGGAGGGGGGACGTAGGAAG
 CCCTGATGCCCTCAGAAACCGCTCAAACCAAGAAGAAGGAGGTGGGGAGGGAACCAAGCTGAGAAAG
 GTGAAGAAAAAGGGCTGGGAGACTGACAAGAACCCCTCTGAGAGCCAGCAACCGTGAGGAAGAAGA
 TTCCAGCCTCCATGTTCTGGTTGGGAAGGTGGCACAGCTGAGAAGGGTGTGAAGAAGAAAGTGATGAG
 GAACAGCAACCAGAAGGGCAGAGCGAAAGGGAAGGCAAAAAGAAGGAGGAGAGAGCCCCATCTCCCCC
 GTGGAAGTGGGTGAACCCCGGAGTTTGTGCTGCAGCCAGCACCCAGGGCCGGGCAGTACGCTGCCGGC
 TGACAAGGGACAAGAAGGAATGGACCGTGGCATGTACCATCCTACTTCTGCACCTGGACACCGAGAA
 GAAGGTGTTCTCTTGCCCGGCAGAAAACGCAAGCGGAGTAAGACGGCCAATTATCTCATCTCCAGCGAC
 CCCACCAACCTGTCCAGGGGCGGGGAGAATTCATCGGAAGCTGAGGTCTAACCTCCTGGGGAACCGCT
 TCACGGTCTTTGACAACGGGCAGAACCCACAGCGAGGGGGAGGTGGTGACGTGGAAGCCTGCGCCAGGA
 GCTGGCAGCTGTGGTCTATGAAACCAACGTTTTAGGCTTCCGAGGACCCCGCGTATGACTGTATCATC
 CCTGGAATGAAGTCCGACAATGAGAGGGTCCCTATCCGGCCCCGGAATTCAGCGATGGACTGTTAGTGC
 GCTGGCAGAACAGACCCTGGAGAGCCTGATCGAGCTACACAACAAGCCACCCATCTGGAACGAAGACAG
 CGGCTCATACACCCTCAACTTCCAGGGCCGGGTCACTCAGGCCTCGGTCAAGAACTTCCAGATTGTGCAC
 GCTGATGACCCCGACTATATAGTGCTACAATTCGGCCGCGTGGCTGAGGACGCCTTCACCTGGATTACC
 GGTACCCGCTGTGCGCCCTGCAGGCCTTCGCCATCGCCCTCTCCAGTTTCGACGGGAAGCTGGCCTGCGA
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR214034 representing NM_001107642
 Red=Cloning site Green=Tags(s)

MPLQEETLREVWASDSGHEEDWLSPEPPRPKQRPAAQGGQLRKKKPETPESPEKPPRRAGARRKHGEP
 PADPAEPRTQTYYAKFLRDPEAKKRDPRETFLVARAPDVGGDVGSPDAPQKPLTKKKEVGEGTKLRK
 VKKKGAGETDKNPSESPATVRKKIPASMFVGEAGTAEGVKKKVMRNSNQKRAKGKGGKKEERAPSPP
 VEVGEPREFVLQAPQGRAVRCRLTRDKKGMDRGMYPYFLHLDTEKKVFLLAGRKRKRSKTANYLISSD
 PTNLSRGGENFIGKLRSNLLGNRFVFDNGQNPQRGGGDVESLRQELAAVVEYTNVLGFRGPRRMTVII
 PGMNSDNERVPIRPNSSDGLLVRWQNKLTLESLIELHNKPPIWNEGSGSYTLNFQGRVTQASVKNFQIVH
 ADDPDYIVLQFGRVAEDAFITLDYRYPLCALQAFALSSFDGKLACE

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001107642

ORF Size: 1401 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_001107642.1](#), [NP_001101112.1](#)

RefSeq Size: 1792 bp

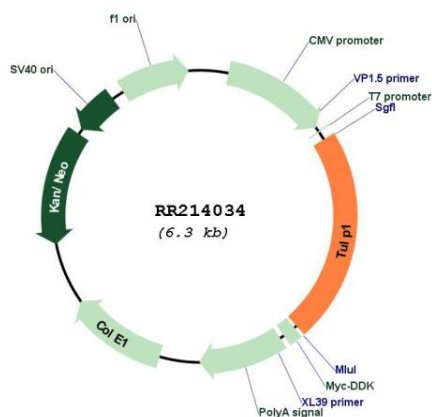
RefSeq ORF: 1404 bp

Locus ID: 309900

Cytogenetics: 20p12

MW: 52 kDa

Product images:



Circular map for RR214034