

Product datasheet for **MR229972**

Tulp2 (NM_001290999) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tulp2 (NM_001290999) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Tulp2
Synonyms:	Pdet
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR229972 representing NM_001290999
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGCTATGTGCGAGATGGGAGTGGTGTAGCGGGCCCCCTACTGTCACCCCGAGGAGCAGTATACACTC
 GGGGCAACGGCCCTGCGGTCCGTCATCATCTTTGCTGGCTTCCAGACAGCTCCGATTAGACGTGGAGGA
 AGTGACCATGGAAGACATCCCCGTCATCTCCCGACCTCCCCAGACGAATCTGGCAAACCTACGCAGGGGC
 TGGTTAGCCTCCCAGGACCCGGGATCAGTCAAGAAGAAAAAGAAGAGGTTGGATCCACGGATGCCA
 GAGTTGAAGACAAGACACCCAGCCAGACCCAGACCCAGACCCTACCGTGAACCTGACGGAGATCATGG
 AGACCTGGCACCTGCAAGGTGGAAGAAAAACAGCCAGAAGAATACAGAAACAGCCTCTGGCATCGGG
 GATGAAGACCGGGAAGGGAGAGGTACAGAGTCTACAGAGACAACTATGCCCCAGTGGCATCCAAGG
 TTTTGAAGGCGACGATGGTGACGCCAGCAACCACAATGCCTGGAACATGACCTGCCCCAGCCTCGCAT
 TCCCGGCCCTCGCTCGGGGAGGACATGGAAGCATACTGTTGCTCCCTGCACCCGAGACCACATGGTG
 CAGTGCCGCATCGTCCGAAACAAGCACGGCATGGACAAGGGGATGTTCCCTTCTACTACCTCTACCTGG
 AGGCCGAGGATGGTGTAGCACATTTCTTCTGGCTGGGCGGAAAAGGAAAAGAAGCAAACTTCAAATTA
 TCTCATCTCCCTGGACCCCAAAGACATGTCTCGCAATGGGAGCAACTTTGTAGGCAAAGTTAGATCCAAT
 GTCTTGGGCACGAAATTCACCATCTTCGATAATGGGGTGAACCCTGAGCGGAGTTACTGGGTTCCAGACA
 GTGCCCGGATCAGAGAGGAGCTGGGAGTCGTCTGTTATGAGACCAATGTCTTGGGATTCAGGGGGCTCG
 GAAAATGACTGTGATCCTTCCAGGAATGGACAGCCGGAAGCAGAGGATGAAAGTCCAGCCACAAAATGAT
 CAGGATCCATATTGAGTCGCGTACAGAAGGGCGCTGGACACGGGCTGCTTCTACTGCAGAACAAGGCC
 CATCGTGGAGCGACGAAAGCGGGCATACGTACTCAATTTTACGGTTCGGTACGCGGGCTTCAGTCAA
 GAACCTCCAGATAGTGCACCCGGATGAACCCGACCACCTGGTGTCCAGTTTGGCCGTGTGGCCCAAC
 ATATTCAGATGGATTTCCGATATCCTTTGCCCGCTCCAAGCCTTCGCCATCTGCTTATCCAGTTTCG
 ATGGGAAACTGGCGTGTGAG

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR229972 representing NM_001290999
 Red=Cloning site Green=Tags(s)

MSYVADGSGERAPLLSPRGAVYTRGNPAVRHHLWCWLPDSSDSVVEEVTMEDIPVISRPPQTNLANLRRG
 WLASPGPGISQEEKEEEVSTDRVEDKTPSPDPDPPTVNSDGDHGDLPCKVEENTAQKNTETASGIG
 DEDREKGEVTESTETNYAPVASKVLQGGDDASNHAWNMTCPQPRIIPGRLGEDMEAYVLLPAPRDHNV
 QCRIVRNKHGMDKGMFPSYLYLEAEDGVAHFLLAGRKRKRKSTSNYLISLDPKMSRNGSNFVGKVRNS
 VLGTKFTIFDNGVNPERSYWVPDSARIREELGVVCEYETNVLGFRGPRKMTVILPGMDSRKQRMKVPQND
 QDSILSRVQKGAGHGLLLLQNKAPSWSESGAYVLFHGRVTRASVKNFQIVHPDEPDHLVLQFGRVAPN
 IFTMDFRYPLCPLQAFIICLSSFDDGKLACE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

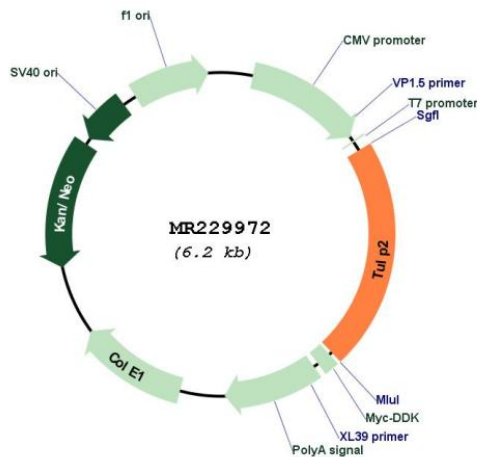
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001290999

ORF Size: 1350 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_001290999.2](#), [NP_001277928.1](#)

RefSeq Size: 1682 bp

RefSeq ORF: 1353 bp

Locus ID: 56734

UniProt ID: [P46686](#)

Cytogenetics: 7 B3

MW: 50.2 kDa