

Product datasheet for **MG206980**

Tulp2 (BC089545) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tulp2 (BC089545) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Tulp2
Synonyms:	Pdet
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206980 representing BC089545 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGCTATGTCGCAGATGGGAGTGATACACTCGGGCAACGGCCCTGCGGTCCGTCATCATCTTTGCT
GGCTTCCAGACAGCTCCGATTACAGCGTGGAGGAAGTGACCATGGAAGACATCCCCGTCATCTCCCGACC
TCCCCAGACGAATCTGGCAAACCTACGCAGGGGCTGGTTAGCCTCCCCAGGACCCGGGATCAGTCAAGAA
GAAAAAGAAGAAGAGGTTGGATCCAGGATGCCAGAGTTGAAGACAAGACACCCAGCCAGACCCAGACC
CAGACCCTACCGTGAACCTGACGGAGATCATGGAGACCTGGCACCTGCAAGGTGAAGAAAACACAGC
CCAGAAGAATACAGAAACAGCCTCTGGCATCGGGGATGAAGACCGGAGAGGGAGAGGTCACAGAGTCT
ACAGAGACAAACTATGCCCCAGTGGCATCCAAGTTTTGCAAGGCGACGATGGTACGCCAGCAACCACA
ATGCCTGGAACATGACCTGCCCCAGCCTCGCATTCCCGCCCTCGGCTCGGGGAGGACATGGAAGCATA
CGTGTTGCTCCCTGCACCCCGAGACCACATGGTGCAGTGCCGCATCGTCCGAAACAAGCACGGCATGGAC
AAGGGGATGTTCCCTTCTACTACCTCTACCTGGAGGCCGAGGATGGTGTAGCACATTTCTTTCTGGCTG
GGCGAAAAGGAAAAGAAGCAAACTTCAAATATCTCATCTCCCTGGACCCAAAGACATGTCTCGAA
TGGGAGCAACTTTGTAGGCAAAGTTAGATCCAATGTCTTGGGCACGAAATTCACCATCTTCGATAATGG
GTGAACCTGAGCGGAGTTACTGGTTCCAGACAGTGCCCGGATCAGAGAGGAGCTGGGAGTCGTCTGTT
ATGAGACCAATGTCTTGGGATTCAGGGGCCCTCGGAAAATGACTGTGATCCTTCCAGGAATGGACAGCCG
GAAGCAGAGGATGAAAGTCCAGCCACAAAATGATCAGGATTCATATTGAGTCGCGTACAGAAGGCGCT
GGACACGGGCTGTTCTACTGCAGAACAAGGCCCATCGTGGAGCGACGAAAGCGGCGCATACGTACTCA
ATTTTCACGGTCGCGTCACGCGGGCTTCAGTCAAGAACTCCAGATAGTGCACCCGGATGAACCCGACCA
CCTGGTCTCCAGTTTGGCCGTGTGCCCCAAACATATTCACGATGGATTTCCGATATCCTCTTTGCCCG
CTCCAAGCCTTCGCCATCTGCTTATCCAGTTTCGATGGGAAACTGGCGTGTGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206980 representing BC089545
 Red=Cloning site Green=Tags(s)

MSYVADGSVYTRGNPAVRHHLCLWLPDSSSDVVEEVTMEDIPVISRPPQTNLANLRRGWLSPGPGISQE
 EKEEEVGSVDARVEDKTPSPDPDPDPTVNSDGDHGLAPCKVEENTAQKNTETASGIGDEDREKGEVTES
 TETNYAPVASKVLQDDGDASNHNANWMTCPQPRIPGPRLGEDMEAYVLLPAPRDHMQCRIVRNKHGMD
 KGMFPSYLYLEAEDGVAFHLLAGRKRKRKSKTSNYLISLDPKDMRSNGSNFVGVKVRSNVLGTKFTIFDNG
 VNPERSYWVPSARIREELGVVVCYETNVLGFRGPRKMTVILPGMDSRKQRMKVQPQNDQDSILSRVQKGA
 GHGLLLLQNKAPSWDESGAYVLFHGRVTRASVKNFQIVHPDEPDHLVLQFGRVAPNIFTMDFRYPLCP
 LQFAICLSSFDGKLACE

TRTRPLE - GFP Tag - V

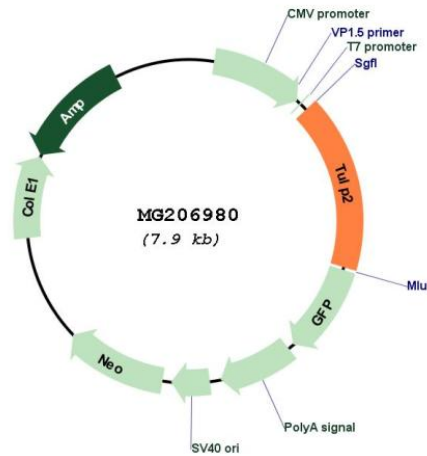
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC089545

ORF Size:	1314 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:	<ol style="list-style-type: none">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:	BC089545.1
RefSeq Size:	1554 bp
RefSeq ORF:	1316 bp
Locus ID:	56734
Cytogenetics:	7 B3