

Product datasheet for **MG220891**

Tfdp2 (NM_001184706) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tfdp2 (NM_001184706) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Tfdp2
Synonyms: 1110029I05Rik; A330080J22Rik; DP-3; DP3
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG220891 representing NM_001184706
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTATAAGCACACCGCAGAGAATTGCCAATTCAGGAAGTGTCTGATTGGGAATCCATATACCCCTG
CACCCGCAATGGTCACTCAGACTCACATAGCTGAGGCTGCTGGCTGGTTCCCAGTGATAGAAAACGAGC
TAGAGAATTTATAGACTCTGATTTTTAGAAAAGTAAACGAAGCAAAAAGGAGATAAAAATGGGAAAGGC
TTGAGACATTTTCAATGAAGGTGTGTGAGAAAGTTCAGCGGAAAGGCACAACGTCATACAATGAGGTAG
CTGATGAGCTGGTATCTGAGTTTACCACTCAAATAACCATCTGGCAGCTGATTCGGCTTATGATCAGAA
GAACATTAGACGAAGAGTTTATGATGCTTTAAATGTACTAATGGCGATGAACATAATTTCAAAGGAAAA
AAAGAAATCAAGTGGATTGGCCTGCCTACCAATTCGCTCAGGAATGCCAGAACCCTGGAAATCGAGAAGC
AGAGGCGGATAGAACGGATAAAGCAGAAGCGAGCCAGCTACAAGAACTTCTCCTTCAGCAAATTCCTTT
TAAAAACCTGGTACAGAGAAATCGACAAAATGAACAACAAAACCAGGGCCCTCCAGCTGTGAATTCACC
ATTCAGCTGCCATTTATAATCATTAAACAAGCAGGAAAACAGTCATAGACTGCAGCATCTCCAGTGACA
AATTTGAATACCTTTTTAATTTTGATAACACCTTTGAGATCCACGACGACATAGAGGTAAGCGGAT
GGGAATGTCCTTTGGTCTGGAGTCAGGCAATGCTCTCTGGAGGATCTGAAAATCGAAAATCCCTGGTT
CCAAAAGCTTTAGAAGGCTATATTACAGATATCTCCACAGGACCTTCTTGTTAAATCAGGGACTACTTT
TGAACTTACCCAATCAGTTTCAAATTTAGACCCGACCACCGGTGCCACTGTACCCAATCAAGTGTA
CCAAGGTTGTGCTTGGATGCTGAAGTGGCCTTAGCAACTGGGCAGCTCCCTGCCTCAAACAGTCCACG
TCCAGCAGTGCAGCCTCTCACTTCTCGGAGTCCCGCGGAGACCCCTGTTCAATCAACGATGAAGATG
AGGAAGATGAAGAGGAGGATCCCTCCTCCAGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG220891 representing NM_001184706
 Red=Cloning site Green=Tags(s)

MIISTPQRIANSGSVLIGNPYTPAPAMVTQTHIAEAGWVPSDRKRAREFIDSDFSESKRSKKGDKNGKGLRHFSMKVCEKVQRKGTTSYNEVADELVSEFTNSNNHLAADSAYDQKNIRRRVYDALNVLAMNII SKEKKEIKWIGLPTNSAQECQNLEIEKQRRIERIKQKRAQLQELLLQQIAFKNLVQRNRQNEQQNQGPVAVNSTIQLPFIIINTSRKTVIDCSISSDKFEYLFNFDNTFEIHDDIEVLKRMGMSFGLESKCSLEDLKI AKSLV PKALEGYITDIISTGPSWLNQGLLLNSTQSVSNLDPTTGATVPQSSYNQGLCLDAEVALATGQLPASNSHQSSSAASHFSES RGETPCSFNDEDEEEDPSSPE

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001184706

ORF Size: 1155 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_001184706.1](#), [NP_001171635.1](#)

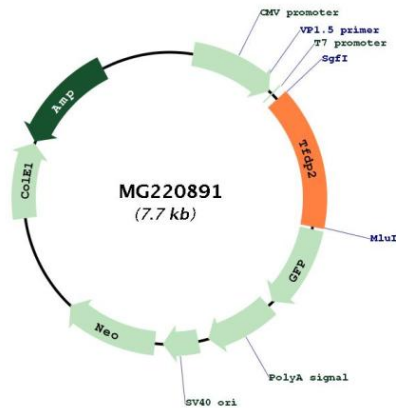
RefSeq Size: 7383 bp

RefSeq ORF: 1158 bp

Locus ID: 211586

Cytogenetics: 9 E3.3

Product images:



Circular map for MG220891