

## Product datasheet for MR220894

### Tfdp2 (NM\_001184711) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tfdp2 (NM\_001184711) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tfdp2  
**Synonyms:** 1110029I05Rik; A330080J22Rik; DP-3; DP3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR220894 representing NM\_001184711  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGATCGCC

ATGATTATAAGCACACCCGACAGAGAATTGCCAATTCAGGAAGTGTCTGATTGGGAATCCATATACCCCTG  
 CACCCGCAATGGTCACTCAGACTCACATAGCTGAGGCTGCTGGCTGGTCCCAGTGATAGAAAACGAGC  
 TAGAGAATTTATAGACTCTGATTTTTTCAGAAAGTAAACGAAGCAAAAAGGAGATAAAAAAGGAAAGGC  
 TTGAGACATTTTCAATGAAGGTGTGTGAGAAAGTTCAGCGGAAAGGCACAACGTCATACAATGAGGTAG  
 CTGATGAGCTGGTATCTGAGTTTACCAACTCAAATAACCATCTGGCAGCTGATTCGGCTTATGATCAGAA  
 GAACATTAGACGAAGAGTTTATGATGCTTTAAATGTACTAATGGCGATGAACATAATTTCAAAGGAAAA  
 AAAGAAATCAAGTGGATTGGCCTGCCTACCAATTCGCTCAGGAATGCCAGAACCTGGAAATCGAGAAGC  
 AGAGGCGGATAGAACGGATAAAGCAGAAGCGAGCCAGCTACAAGAACTTCTCCTTCAGCAAATGCTTT  
 TAAAAACCTGGTACAGAGAAATCGACAAAATGAACAACAAAACCAGGGCCCTCCAGCTGTGAATTCACC  
 ATTCAGCTGCCATTTATAATCATTAAACAAGCAGGAAAACAGTCATAGACTGCAGCATCTCCAGTGACA  
 AATTTGAATACCTTTTTAATTTTGATAACACCTTTGAGATCCACGACGACATAGAGGTAAGCGGAT  
 GGAATGTCTTTGGTCTGGAGTCAGGCAATGCTCTCTGGAGGATCTGAAAATCGAAAATCCCTGGTT  
 CCAAAGCTTTAGAAGGCTATATTACAGATATCTCCACAGGACCTCTTGGTTAAATCAGGGACTACTTT  
 TGAACTTACCCAATCAGTTTCAAATTTAGACCCGACCACCGGTGCCACTGTACCCAATCAAGTGTA  
 CCAAGGTTTGTGCTTGGATGCTGAAGTGGCCTTAGCAACTGGGCAGCTCCCTGCCTCAAACAGTCCACG  
 TCCAGCAGTGCAGCCTCTCACTTCTCGAGTCCCGCGGAGACCCCTGTTCAATCAACGATGAAGATG  
 AGGAAGATGAAGAGGAGGATCCCTCCTCCAGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR220894 representing NM\_001184711  
Red=Cloning site Green=Tags(s)

MIISTPQRIANSGSVLIGNPYTPAPAMVTQTHIAEAGWVPSDRKRAREFIDSDFSESKRSKKGDKNGKGLRHFSMKVCEKVQRKGTTSYNEVADELVSEFTNSNNHLAADSAYDQKNIRRRVYDALNVLAMNIIISKEKKEIKWIGLPTNSAQEQNLEIEKQRRIERIKQKRAQLQELLLQQIAFKNLVQRNRQNEQQNQGPVAVNSTIQLPFIIINTSRKTVIDCSISSDKFEYLFNFDNTFEIHDDIEVLKRMGMSFGLESKCSLEDLKIAKSLVPKALEGYITDIISTGPSWLNQGLLLNSTQSVSNLDPDTTGATVPQSSYNQGLCLDAEVALATGQLPASNSHQSSSAASHFSESGETPCSFNDEDEEEDPSSPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001184711

**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\_001184711.1, NP\_001171640.1

**RefSeq Size:** 6990 bp

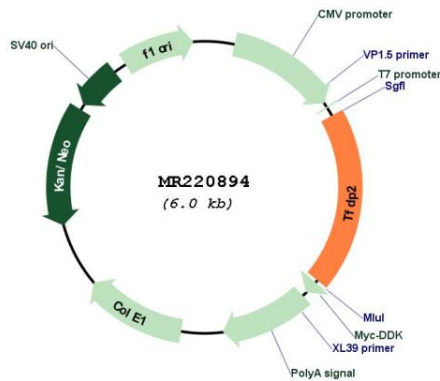
**RefSeq ORF:** 1161 bp

**Locus ID:** 211586

**Cytogenetics:** 9 E3.3

**MW:** 43.4 kDa

**Product images:**



Circular map for MR220894