

## Product datasheet for **MR220896**

### Tfdp2 (NM\_001184708) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Tfdp2 (NM\_001184708) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Tfdp2  
**Synonyms:** 1110029I05Rik; A330080J22Rik; DP-3; DP3  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >MR220896 representing NM\_001184708  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATTATAAGCACACCCGACAGAAATTGCCAATTCAGGAAGTGTCTGATTGGGAATCCATATACCCCTG  
CACCCGCAATGGTCACTCAGACTCACATAGCTGAGGCTGCTGGCTGGTCCCAGTGATAGAAAACGAGC  
TAGAGAATTTATAGACTCTGATTTTTTCAGAAAGTAAACGAAGCAAAAAGGAGATAAAAAATGGGAAAGGC  
TTGAGACATTTTCAATGAAGGTGTGTGAGAAAGTTCAGCGGAAAGGCACAACTCATACAATGAGGTAG  
CTGATGAGCTGGTATCTGAGTTTACCAACTCAAATAACCATCTGGCAGCTGATTCGGCTTATGATCAGAA  
GAACATTAGACGAAGAGTTTATGATGCTTTAAATGTAATAATGGCGATGAACATAATTTCAAAGGAAAAA  
AAAGAAATCAAGTGGATTGGCCTGCCTACCAATTCGCTCAGGAATGCCAGAACCTGGAAATCGAGAAGC  
AGAGGCGGATAGAACGGATAAAGCAGAAGCGAGCCAGCTACAAGAACTTCTCCTCAGCAAATGCTTT  
TAAAAACCTGGTACAGAGAAATCGACAAAATGAACAACAAAACAGGGCCCTCCAGCTGTGAATTCACC  
ATTCAGCTGCCATTTATAATCATTAAACAAGCAGGAAAAACAGTCATAGACTGCAGCATCTCCAGTGACA  
AATTTGAATACCTTTTTAATTTTGATAACACCTTTGAGATCCACGACGACATAGAGGTACTGAAGCGGAT  
GGGAATGTCCTTTGGTCTGGAGTCAGGCAAATGCTCTCTGGAGGATCTGAAAATCGCAAAATCCCTGGTT  
CCAAAAGCTTTAGAAGGCTATATTACAGATATCTCCACAGGACCTTCTTGTTAAATCAGGGACTACTTT  
TGAACCTACCCAATCAGTTTCAAATTTAGACCCGACCACCGGTGCCACTGTACCCCAATCAAGTGTA  
CCAAGGTTGTGCTTGGATGCTGAAGTGGCCTTAGCAACTGGGCAGCTCCCTGCCTCAAACAGTCACCCAG  
TCCAGCAGTGCAGCCTCACTTCTCGGAGTCCCGCGGCGAGACCCCTGTTTCATTCAACGATGAAGATG  
AGGAAGATGAAGAGGAGGATCCCTCCTCCAGAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR220896 representing NM\_001184708  
Red=Cloning site Green=Tags(s)

MIISTPQRIANSGSVLIGNPYTPAPAMVTQTHIAEAGWVPSDRKRAREFIDSDFSESKRSKKGDKNGKGLRHFSMKVCEKVQRKGTTSYNEVADELVSEFTNSNNHLAADSAYDQKNIRRRVYDALNVLAMNII SKEKKEIKWIGLPTNSAQEQNLEIEKQRRIERIKQKRAQLQELLLQQIAFKNLVQRNRQNEQQNQGPVAVNSTIQLPFIIINTSRKTVIDCSISSDKFEYLFNFDNTFEIHDDIEVLKRMGMSFGLESKGCSLEDLKI AKSLV PKALEGYITDISTGPSWLNQGLLLNSTQSVSNLDPDTTGATVPQSSYNQGLCLDAEVALATGQLPASNSHQSSSAASHFSESGETPCSFNDEDEEEDPSSPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

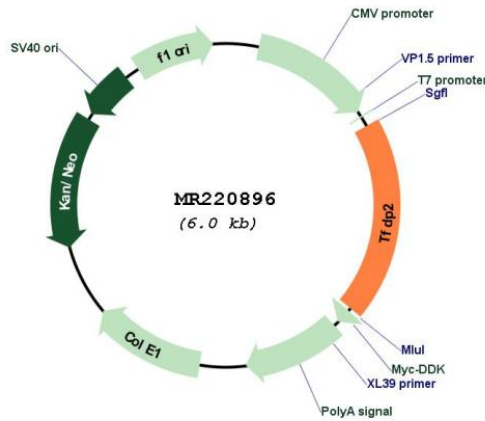
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001184708

|                               |   |
|-------------------------------|---|
| <b>ORF Size:</b>              | 1155 bp   |
| <b>OTI Disclaimer:</b>        | 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. <a href="#">More info</a>  |
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol> |
| <b>RefSeq Size:</b>           | 7109 bp   |
| <b>RefSeq ORF:</b>            | 933 bp  |
| <b>Locus ID:</b>              | 211586  |
| <b>Cytogenetics:</b>          | 9 E3.3  |
| <b>MW:</b>                    | 35.1 kDa  |