

## Product datasheet for **MG220893**

### Tfdp2 (NM\_001184710) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Tfdp2 (NM_001184710) 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:	>MG220893 representing NM_001184710 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTATAAGCACACCGCAGAGAATTGCCAATTCAGGAAGTGTCTGATTGGGAATCCATATACCCCTG  
CACCCGCAATGGTCACTCAGACTCACATAGCTGAGGCTGCTGGCTGGGTTCCAGTGATAGAAAACGAGC  
TAGAGAATTTATAGACTCTGATTTTTAGAAAAGTAAACGAAGCAAAAAGGAGATAAAAATGGGAAAGGC  
TTGAGACATTTTCAATGAAGGTGTGTGAGAAAGTTCAGCGGAAAGGCACAACGTCATACAATGAGGTAG  
CTGATGAGCTGGTATCTGAGTTTACCACTCAAATAACCATCTGGCAGCTGATTCGGCTTATGATCAGAA  
GAACATTAGACGAAGAGTTTATGATGCTTTAAATGTACTAATGGCGATGAACATAATTTCAAAGGAAAA  
AAAGAAATCAAGTGGATTGGCCTGCCTACCAATTCGCTCAGGAATGCCAGAACCTGGAAATCGAGAAGC  
AGAGGCGGATAGAACGGATAAAGCAGAAGCGAGCCAGCTACAAGAACTTCTCCTTCAGCAAATGCTTT  
TAAAAACCTGGTACAGAGAAATCGACAAAATGAACAACAAAACCAGGGCCCTCCAGCTGTGAATTCACC  
ATTCAGCTGCCATTTATAATCATTAAACAAGCAGGAAAACAGTCATAGACTGCAGCATCTCCAGTGACA  
AATTTGAATACCTTTTTAATTTTGATAACACCTTTGAGATCCACGACGACATAGAGGTAAGCGGAT  
GGGAATGTCCTTTGGTCTGGAGTCAGGCAATGCTCTCTGGAGGATCTGAAAATCGAAAATCCCTGGTT  
CCAAAAGCTTTAGAAGGCTATATTACAGATATCTCCACAGGACCTCTTGGTTAAATCAGGGACTACTTT  
TGAACCTACCCAATCAGTTTCAAATTTAGACCCGACCACCGGTGCCACTGTACCCAATCAAGTGTA  
CCAAGGTTGTGCTTGGATGCTGAAGTGGCCTTAGCAACTGGGCAGCTCCCTGCCTCAAACAGTCCACG  
TCCAGCAGTGCAGCCTCTCACTTCTCGAGTCCCGCGGAGACCCCTGTTCAATCAACGATGAAGATG  
AGGAAGATGAAGAGGAGGATCCCTCCTCCAGAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG220893 representing NM\_001184710  
 Red=Cloning site Green=Tags(s)

MIISTPQRIANSGSVLIGNPYTPAPAMVTQTHIAEAGWVPSDRKRAREFIDSDFSESKRSKKGDKNGKG  
 LRHFSMKVCEKVQRKGTTSYNEVADELVSEFTNSNNHLAADSAYDQKNIRRRVYDALNVLAMNII SKEK  
 KEIKWIGLPTNSAQEQNLEIEKQRRIERIKQKRAQLQELLLQQIAFKNLVQRNRQNEQQNQGPPAVNST  
 IQLPFIIINTSRKTVIDCSISSDKFEYLFNFDNTFEIHDDIEVLKRMGMSFGLESKCSLEDLKI AKSLV  
 PKALEGYITDISTGPSWLNQGLLLNSTQSVSNLDPDTTGTATVPQSSVYNQGLCLDAEVALATGQLPASNSHQ  
 SSSAASHFSESGETPCSFNDEDEEEDPSSPE

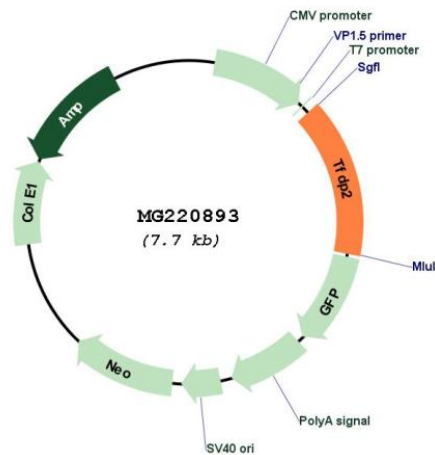
TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001184710

<b>ORF Size:</b>	1077 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:</b>	<a href="#">NM_001184710.1</a> , <a href="#">NP_001171639.1</a>
<b>RefSeq Size:</b>	6883 bp
<b>RefSeq ORF:</b>	1080 bp
<b>Locus ID:</b>	211586
<b>Cytogenetics:</b>	9 E3.3