

## Product datasheet for **MG207328**

### Zfp2 (NM\_001044699) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp2 (NM_001044699) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp2
Synonyms:	9930007F06Rik; Fnp-2; mkr-2; mszf87; Zfp-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG207328 representing NM\_001044699  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACAGGGAAGATCTCTGGCATTAGCTTTGGGGGCTGTCTGGGATCCTACCTGTTGGTTAAAGGGC  
 AACAGGAGAGATACCTGGGCAAGTGACAGTGGCCCAAAAGGAAATCTATAATGAGAAGAGTGTGTGG  
 AGGTAATACAACAGAACTCTTCCACTGAGGGATCAATGCTTAATACACCACAAAGCATTCTGTGACA  
 CCTTGTAAATTGGAATTCATATAGAAAAGATTCTAAACAAAATTCTGAGTTAATGAAAACCTCAAGAATGT  
 TTGTACAAAAGAAAGTATATGGCTGTGATGAGTGTGGGAAAACCTTCAGGCAGAGTTCATCCCTGCTTAA  
 GCATCAGAGGATTCACACTGGGAGAAACCTACACATGCAACGTGTGTGACAAGCATTTCATCGAACGC  
 TCCTCCCTCACTGTGCATCAGAGGACTCACACGGGAGAAAACCTACAATGTCATGAGTGTGGGAAAG  
 CCTTTAGTCAGAGTATGAACCTTACTGTTTCATCAGAGAACTCACACTGGAGAGAAGCCTTATCAGTGCAA  
 AGAGTGTGGGAAAGCATTCCGCAAGAATTCATCCCTTATCAACACGAAAGGATTCACTAGGAGAGAAG  
 CCCTACAATGTCATGATTGTGGGAAAGCTTTACACAAAGCATGAATCTTACAGTGCACCAAGAGAACCC  
 ATACTGGTGAAAAACCTATGAATGTAACCAATGTGGCAAAAGCCTTCAGCCAAAGCATGCACCTTATTGT  
 TCATCAGAGAAGTCACTGGAGAGAAACCTATGAATGCAGTGAATGTGGGAAAGCCTTTAGTAAAAGC  
 TCAACTCTCACTACATCAGAGAAATCACACTGGAGAAAAGCCCTACAATGTAACAAGTGTGGTAAAGT  
 CCTTTAGTCAAAGTACATACCTTATAGAATCAGAGACTTCACTCCGGAGTGAACCTTTTGAATGCAA  
 TCAGTGTGGAAAAGCTTTAGTAAAGATTCTTCCCTTACTCAGCATCGCAGAATTCACACCGGTGAGAAA  
 CCTTATGAGTGTATGATCTGTGGAAAGCATTTCAGTGAAGATCATCCCTAACTGTACACCAAGTTATAC  
 ACATGGAGAGAAGCCCTATGAGTGCACCTGAATGTGGAAAAGCATTTCAGCCAAAGCGCCTATCTCATTGA  
 ACATCAAAGGATTCATACTGGTGAAAAACCTATGAATGTGATCAGTGTGGGAAAAGCTTTTATAAAGAAC  
 TCATCCCTTATAGTGCACCAAGGATACATACAGGAGAGAAAACCTATCAGTGAATGAATGTGGAAAGT  
 CCTTCAGTAGGAGTACAACCTTACAAGACATCAGAGGACTCATACA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:**

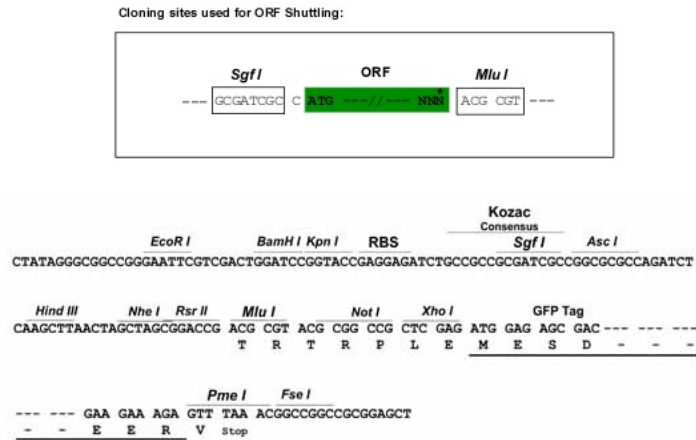
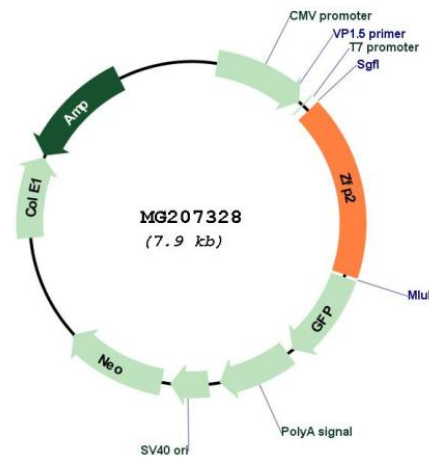
>MG207328 representing NM\_001044699  
 Red=Cloning site Green=Tags(s)

MDREDLWHSALGAVWDPTCWLKGGQERYLGQVTVAKQEIYNEKSVCGGNTTENSSTEGSMLNTPQSIPVT  
 PCNWNYSRKDSKQNSLMKTSRMFVQKKVYGCDECGKTFRQSSLLKHQRIHTGEKPYTCNVCDKHFIER  
 SSLTVHQRTHTGEKPYKCECGKAFSQQSMNLTVHQRTHTGEKPYQCKEKGAFRKNSSLIQHERIHTGEK  
 PYKCHDCGKAFQSMNLTVHQRTHTGEKPYECNQCCKAFSQQSMHLIVHQRSHTEKPYECSECGKAFSKS  
 STLTLHQRNHTGEKPYKCNKCGKFSQSTYLIEHQRLHSGVKPFECNQCCKAFSKNSSLTQHRIHTGEK  
 PYECMICGKHFTGRSSLTVHQVIHTGEKPYECTECGKAFSQQSAYLIEHQRIHTGEKPYECQCGKAFIKN  
 SSLIVHQRIHTGEKPYQNECGKFSRSTNLTRHQRTHT

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001044699

**ORF Size:** 1377 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.

<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>	<u><a href="#">NM_001044699.1</a></u> , <u><a href="#">NP_001038164.1</a></u>
<b>RefSeq Size:</b>	3073 bp
<b>RefSeq ORF:</b>	1380 bp
<b>Locus ID:</b>	22678
<b>Cytogenetics:</b>	11 30.94 cM
<b>Gene Summary:</b>	Probable transcription factor involved in neuronal differentiation and/or phenotypic maintenance.[UniProtKB/Swiss-Prot Function]