

## Product datasheet for **MR218048**

### Zfp800 (NM\_001081678) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp800 (NM_001081678) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp800
Synonyms:	AA407452; Znf800
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide  
Sequence:

>MR218048 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGCCTTTGAGGGACAAATACTGTCAAACGGACCACCATCATCACGGATGCTGCGAACCAAGTTTATATCC  
TGGAGCCTGGAGATCCTCCCTTGTACAGCAACCAGTGCAGACATCCAAATCTGGTATTCAGCAAATAAT  
TGAGTGCTTTTCGATCAGGAACCAAACTTAAACATATTTTATTTAAAGATGTGGACACTATTTTTGAA  
TGTAATATATGCCGTAGTCTCTTTAGAGGATTACCAAATTTAATTACCCATAAAAAATTTTACTGCCAC  
CAAGTCTCCAAATGGATGACAATCTTCTGATGTAATGATAAACAAAGCCAAGCCATAAGTGATCTCT  
AGAAGCCATATATCCAAGAGTGGACAAGAGAGAATATATTATTAAGCTAGAACCATAGAAACCAACCA  
AATGCAGTGTTCATATATTTCAAGGACTGATAACCCTGCTGAAGTGACCGAGTCAAGCAGTACACCTG  
AACAACTGAAGTTCAAATACAGGAGACAAGCTCAGAACAGCTGAAAGCAGTCCCGACGCAGATACAGA  
GGTGGAGGAGCCATAGAGCCTCCTTCTATAGAGACTGTTGTAGATGAAGCTGCAGCTCCCACTGAGGAG  
CAACCTCAGGAATCACAGGCTGACTTGGAGACGCTGACAGTTCTGACCTTGGTCAACAGTTGATATGTT  
GTCTTTGTAGAAAAGAAATCAATTCTAGACGAGGTGTTTCGTCGTCACATTGAAAAGTACACAAAAAAA  
GATGGAAGAACTAAAAAATACATTGAAACACGGAAAGACTCCAAACCAGTCTTCAAAGGACGCAGTAAG  
AGTGTTCAGTTTCATTAAGTAGGAGCTGTCCAGTTTGTGTAAATCATTGCTACAAAAGCGAATGTAA  
GGAGGCATTTTGTGAAGTTCACAGAGGACTAAGGAGGGATTCAATTACTCTGATATAGCGACAAAAGCC  
TGGGCAGCCTTTGTTCTGGATTCTGCTTCTCTAAAAATCTTTAAGACTCGCAAAACAAAAGTCTTCA  
AAGGCTGAATACAATTTAACTGCATGCAATGCCTCCTTTGCAAGAGGAAATACAGTTCACAAATAATGC  
TTAAGAGACATATGCAAATTTGCCACAAGATAACTCTTTCTGGAGCAAACCTAAAAGAGAGAAAGGCC  
TAATAATACTGCCAACAGTTCAGAAGTAAAAGTTGAGCTAGCAGATTCTGTAGAGTCTTACCCCTTCC  
ATTACCCATTCTCCACAGAATGAACTCAAGGGAACAAATCATTCAAATGAAAAAAGAACACACCAGCAA  
CACAGAAAAACAAAGTTAAACAGGACTCTGAAAGCCCTAAATCAGCTAGCCCTTCGGCTGCAGGTGGCCA  
GCAAAAAACCAGGAAACCAAACTTTCAGCTGGCTTTGACTTTAAGCAACTTTACTGTAACTCTGTAAA  
CGCCAGTTTACTTCCAAGCAGAACTTGACTAAACACATTGAGTTGCACACAGATGGAAATAACATTTATG  
TTAAGTCTACAAGTGCCTCTCTGCCTTACGAAACCCGTCGAAACCGTATGTGATAAGACATAAAC  
TGTGGTTCATAAAAAGTCATCTCGTTACCTTGGGAAAATCACAGCCAGTTTAGAGATCAGAGCTATAAAA  
AAGCCTATTGATTTTGTCTAAACAAAGTGGCAAAAAGAGGCCCTCAAGGGAGGAAGCAAAACATAATG  
ACTCAAAACAGGATGGCACTTCCAATTCTCAAGTAAAAGTATGAAGTAGCCGACGTCCGTATTGAAGT  
GAAAGTCAAAAAAATTTTCTTCTCACAGATGCAATAAATGTGGAAAGGCATTTGCCAAAAAGACTTAC  
CTTGAACATCATAAGAAAATCATAAGGCAATGCTACCAATTACCTGAAGGAAACAAAACCAAGGCC  
GAAGTACAAGATCTAAGGCTCTTGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR218048 protein sequence  
Red=Cloning site Green=Tags(s)

MPLRDKYCQTDHHHHCCEPVYILEPGDPPLLQQPVQTSKSGIQQIIECFRSGTKQLKHILLKDVDITFE  
 CKLCRSLFRGLPNLITHKKFYCPPSLQMDNLPDVNDKQSQAISDLLEAIYPRVDKREYIIKLEPIETNQ  
 NAVFYISRTDNPAEVTESSTPEQTEVQIQETSSSEQLKAVPDADTEVEEAIEPPSIETVDEAAAPTTEE  
 QPQESQADLETSDSSDLGHQLICCLCRKEFNRRGVRRIHVKVHKKMEELKYYIETRKTQSSKGRSK  
 SVLVLSLRSCPVCCKSFATKANVRRHFDEVHRGLRRDSITPDIATKPGQPLFLDSAPKKSFKTRKQKSS  
 KAEYNLTACKCLLCKRKYSSQIMLKRHMQIVHKITL SGANSKREKGPNNANSSEYKVELADSVESPPS  
 ITHSPQNELKGTNHSNEKKNTPATQKNKVKQDSESPKSASPSAAGGQKTRPKLSAGDFKQLYCKLCK  
 RQFTSKQNLTKHIELHTDGNNIYVKFYKPLCTYETRRKRQVIRHITVHHKSSRYLGKITASLEIRAIK  
 KPIDFVLNKVAKRGPSREEAKHNSKQDGTNSPSPKYEADVGIKVKTKNFSLHRCNCKGKAFKTKY  
 LEHHKTHKANATNSPEGNKTKGRSTRSKALV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001081678

**ORF Size:** 1989 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\\_001081678.2](#)

**RefSeq Size:** 3895 bp

**RefSeq ORF:** 1989 bp

**Locus ID:** 627049

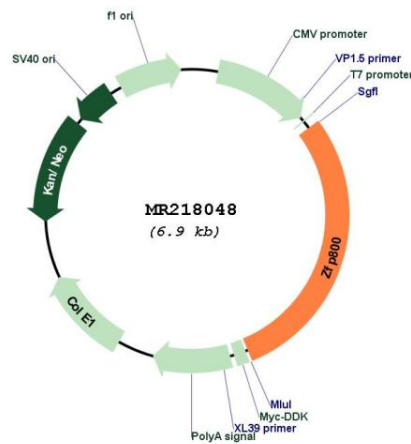
**UniProt ID:** [Q0VEE6](#)

**Cytogenetics:** 6 A3.2-A3.3

**MW:** 74.8 kDa

**Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR218048