

## Product datasheet for **MG210832**

### Zfp28 (NM\_175247) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp28 (NM_175247) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp28
Synonyms:	2810438M17Rik; mkr-5; Zfp-28
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MG210832 representing NM\_175247  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCAGGGAATGGCGAGTGTAGTGTGCATGCGAACCTGGGCCCTCTGGGGCGTGGCCCTCTGCACAA  
 AGGCCAGGCCCTGGTGGAGGTCCGGCGCCGGGACTGTAGTTGCTCCTGGGAGCCCGACCGGGGAAGGCC  
 GCGCTCCAGGAACAGCCTGGCCTCCAGGATCAGCAAGGAGCAGTGACCTCGGGGACCGGCACAAAGCT  
 CTGTTTTCCAGAGATACCAACTTCTCCAGGAGATAAACCGCAAACAGGAAGCTGCCCTACAGGGACTA  
 GACATAAAGCCAAGTCGACAGGGCTTGGTACCTTTGGGGATGTGGCTGTAGTTTTCTCCAGGAGGAGTG  
 GGAATGGCTCAACTCTGAGCAGAGGAGTCTGTACTGGAAGGTGATGCTGGACAACACAGGAACCTAGCA  
 TCCCTGGGACTTTGTGCTTCTCAGCCAGATATGATCACCTCGTTGGAACAAGGAAGGGATCCCTGGATGA  
 TGAAGAAGGAAGATGAGAAAAGGCCAGCACCTGGACTTGAAGGCCATGCAGGAGACCAAGGAGTCCCTCC  
 AAAGGACTTAAGTGAGGAGACATTATTCCTGGCAGTGCTAAGAAAACAGCTCCTGCCCATAGACCTAAG  
 TGCTCCATGGTACGGGCAGCCTGGGAGGGTGGTGCAGTGTTCACGACACACAGGGGCTTGAAGACCAACT  
 CAGGTCTGGCTAGAGACAGTCTGCACAGCTTGTGTCAGCTCAGAGGAGTTTCTGTAAGAGTGTGACTTG  
 GGAAACTGTGGTACCAGGGCTCCGTAGGCCAGCAGTCTGTACAGGAAGCCAGGATCTGCTTCCAAGG  
 CAGGACTCACATGCTGAACGGGTAAACAGGCAGAACTTGGAGCACTAAACTTGAGTGTCCACTTTTCAGAG  
 ATCAGGATTCTGAGTGTACGTTTGAAGGAATGAGCAAGAGACAGTCACTCCGAACAGAGCCTTCTCAGA  
 GGGGAGAGATGGTATGTGTATCGAATCTGGAAGATGGTTTCATTTGAACAGTTCAGACGAGAGAAGTCA  
 AACTGTGACTCAGTAAAAGTTTCTCCTCAAATCCAGTAGTTGTAAGGAAAACCGGAATCTGTTCCAGGAA  
 AAAAACTTTTCCAATGTAATGAATGTAAGAAAACCTTCCAGGAGCTCCTCCCTTACCGTTACCCAGGAG  
 AATTCATACTGGAGAGAAGCCCTATAAATGCAATCAGTGTGGGAAGGCCTTCAGTGACGGGTCCTCCTTC  
 GCACGGCACCCAGAGGTGCCATACAGGCAAGAAGCCGTACGAGTGCCCGGAGTGTGGCAAAGCTTTTCATAC  
 AGAACACCTCGCTCGTTCGTCAGTGGAGTACTATCACACTGGGGAGAAAACCTTCGATTGCATCGACTG  
 TGGGAAAGCCTTCAGTGACCACATAGGGCTTAATCAACACAGGAGGATTCACACTGGAGAGAAAACCATAC  
 ACGTGTGAAGTGTGCACAAATCCTTTAGGTACGGCTCATCCCTCACTGTGCACCAAAGGATTACTACTG  
 GAGAGAAAACCGTACGAGTGTGAGATTTGCAGAAAAGCCTTCAGCCACCATGCATCCCTCACTCAGCATCA  
 ACGAGTGCATTCTGGAGAAAAGCCTTTTAAATGTAAGAGTGTGGGAAAGCTTTTAGGCAGAATATACAC  
 CTTGCTAGTCACTGGAGGATCCATACCGGGGAGAAGCCCTTTGAGTGTGGGAATGTGGGAAATCTTTCA  
 GCATCAGCTCACAGCTTGCCACGCATCAGAGAATTCATACAGGAGAGAAGCCTTACGAATGTAAGGTTTG  
 TAGGAAAAGCATTACACAGAAGGCTCACCTTGCAACATCAGAAGACTCATACGGGGGAGAAGCCATAC  
 GAGTGAAGGAATGTGGCAAGGCCTTCAGCCAGACCACCTCACCTCATTCAACACCAGAGGGTTTCATACTG  
 GAGAGAAGCCCTATAAATGCCTGGAATGTGGGAAGGCCTTTGGTGATAACTCATCTGTACTCAACATCG  
 GAGACTTACACCCGGCCAGAGGCCTTACGAGTGTGTGGAGTGTGGGAAGACATTCAGACCAAGTCGTCC  
 CTTATCTGTATCGTAGATGTACACGGGAGAGAAAACCTTATGAGTGCAGTGCATGTGGTAAAGCCTTTA  
 GCCACCCGGCAGTCCCTTAGTGTACATCAGAGAATTCATTCCGGGAAGAAACCGTATGAATGTAAGGAATG  
 TCGGAAAACCTTCATCCAGATTGGACACCTTAACCAACATAAGAGAGTCCATACCGGGGAGAGAACGTAC  
 AACTACAAGAAGGCAGGAGGGCCTTCAGGCAGACTGCACACTTTGCTCACCATCAGCAGATTTCATCCG  
 GAAAGTCACTGCTCACCCTTTTGCCTTCCACATCGAATCCTGTGGATCTCTTCTCAAATTCGTCGTG  
 GAATCCATCCTCACTGCCATCATCA

**ACCGGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >MG210832 representing NM\_175247  
 Red=Cloning site Green=Tags(s)

```

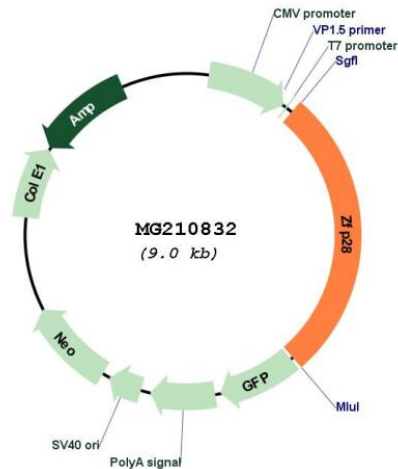
MQGMASVVSCEPWALLGRGALCTKARPGGGPAAGTVVAPGSPDRGRPRSRNSLASQDQGGAVTSGTAHKA
LFSRDTNFLQEINRKQEAAPTGTRHKAKSQGLVTFGDVAVVFSQEEEWLNSEQRSLYWKVMLDNYRNLA
SLGLCASQPDIMITSLEQGRDPWMMKRKMRKGQHLDLKAMQETKEFPKDLSEETLFLAVLRKQLLPHRPK
CSMVRAAWEGGAVFTTHRGLKTNSGLARDSPAQLVSAQRSFCKSVTWENCGDRGQSVQEQEAQDILLPR
QDSHAERVTGRTWSTKLECFRQDSECTFERNEQETVTPNRAFSEGRDGMCIESGRWFHLNSSDERSH
NCDSGKSFSSNPVVVKETGICSGKFLQCNECKKFTTQSSSLTVHQRIHTGEKPYKCNQCGKAFSDGSSF
ARHQRCTGKKPYECEPCGKAFIQNTSLVRHWRYHTGEKPFDCIDCGKAFSDHIGLNQHRIHTGEKPY
TCEVCHKSFYRGSSSLTVHQRIHTGEKPYECEICRKAFFSHASLTQHQRVHSGEKPFKCKEKGKAFRQNIH
LASHWRIHTGEKPFECGEGKSFSSISQLATHQRIHTGEKPYECKVCRKAFQKAHLAQHQKTHHTGEKPY
ECKEKGKAFSQTTHLIQHQRVHTGEKPYKLECGKAFGDNSSCTQHRRLHTGQRPYECVECGKTFKTKSS
LICHRRCHTGEKPYECSACGKAFSHRQSLSVHQRIHSGKKPYECKEKRKTFIQIGHLNQHKRVHTGERTY
NYKKGRRAFRQTAHFAHHQQIHSKGKSPAHHSPLSTSNPVDLFSKFVWNPSSLPSS
  
```

TRTRPLE - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



## Plasmid Map:



ACCN: NM\_175247

ORF Size: 2475 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\\_175247.3](#), [NP\\_780456.2](#)

RefSeq Size: 4161 bp

RefSeq ORF: 2478 bp

Locus ID: 22690

UniProt ID: [P10078](#)

**Cytogenetics:** 7 A1

**Gene Summary:** May be involved in transcriptional regulation. May have a role in embryonic development.  
[UniProtKB/Swiss-Prot Function]