

## Product datasheet for **MC219148**

### Zfp128 (NM\_153802) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp128 (NM_153802) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp128
Synonyms:	9630016P15Rik; mZnf8; Znf8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219148 representing NM\_153802  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGACCACCAGGACAAAGCAGCAACAGTGGCAATGGCCTCGCGCCGCAAGCAACAACACTTCAGGAGC  
 CAGTGACTTTCCGAGATGTGGCTGTGGACTTTACCCAAGAGGAGTGGGGCAGCTGGACCTACCCAGAG  
 GACTCTGTATCGTGATGTGATGTGGAGACCTTTGGGCACCTTCTCTGTGGGTCTGATCTTCCCAAA  
 CCTGCAGTTATCTCCAGCTGGAACAAGGTGCTGAGCTGTGGTGGCAGACAGAGGAGGCACCGGGGCT  
 GCCATCCAGGCTGGATTCTGAACCTGAAGACCACACATTGCTCAAGGACCAGGGCTCCCAAAAATGGA  
 ACCATCCCCTATTACAGAAAAGGATGGTTTGC AAAAGGCTGTTCCCTTGTCTTCTATGATAGGGATAGAT  
 CAGGAAAGTGATGGCCAGAGGCAGGCACTCAAGAAGGACCAGAGTAACCTGAATGACCCCAAGAGATAC  
 CACTTCAAAGTCAAAGCCACAAAAGTCTTGGACTTGTGGAAGCCTGTGTTCTTGGCTTAAACACTTATCT  
 ATTACCAGATATTTCTGGAAGAGAGTATGGCTGTACTTATGACTCACAAGTAAAAATTCAGAACATAAT  
 CCAAGCTTAGTTAGACAACGGACAGACTCCCCTGCAACACAGTCCCTTTGATGACAATGGCAGTCAAAAAG  
 CCTTTGATCAAATTATGCCCATACAGAACTCACAAAAAGTCAGGTGCAAGATAAACCTATAAGTGTAC  
 TGATTGTGGGAAGTCATTTAACCATAAACGCACATCTCACAGTGCACAAGAGAATTCATACGGGAGAAAGA  
 CCTTACATGTGCAAAGAGTGTGGGAAAGCCTTCAGCCAGAACTCCTCCCTGTTCAACATGAGCGAATCC  
 ACACTGGAGACAAGCCTTATAAGTGTGATGAATGTGGGAAATCTTTTGGCACAGTACACACCTTACAGT  
 CCATAGGAGAATTCACACTGGAGAGAAAACCTATGAGTGTGAGGACTGTGGGAGGGCCTTCAATCAGAAT  
 TCATCCCTAGGTGACACAAGAGGACACACACTGGGAGAAAGCCTTATACCTGCAGTGTGTTGTGGAAAT  
 CTTTCTCCGGACCCTTGCCTTCTCCTGCACCTGCGGACTCACACTGAGGAAAGGCCATACGAGTGTAA  
 TCACTGTGGAAAGGGCTTCAGGCACAGTTCCTCCCTGGCCAGCATCAGCGGAAGCACGCTGGTGAGAAA  
 CCCTATGAGTGCCGACAGAGGCTGATCTTTGAGCAGGCGCCGGCTTAAATAAAGTACGAATGGACAGAAC  
 CCCTCGGCTGTGACTCACCGTTGAGTCAAGGTGAAAGGACTCAACGGAGTGATAGGCCCTTAAAGTGATA  
 TCAGTGTGAAAGTGTTCCTACTCAGAGTTCTCACCTCATCCGACATCAGCTCACCCACAGCAGAGAGGAA  
 GAACCACTACGTGGACGTAGCAGAAGGCAAGAACAGCCGTGTAGACGGGGCTCAAGACTCATTGAGAATA  
 CAAACTCAAATTCAGGGAGCTTCTGTTGCCAGCCAAAGGCAGGACAAGCCAGCAGAACCCTGGCCCT  
 GTTTGACCTTCGTGAAATATGCAGGAGCAAAACCTGTGCATGTTATTGGGGTAGAAGAACCCTTCAGTG  
 GGCAACTCCATGCTGTTTACACACAGAGAATCTAGATAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_153802

**Insert Size:** 1719 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**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\\_153802.4](#), [NP\\_722497.1](#)

**RefSeq Size:** 3850 bp

**RefSeq ORF:** 1719 bp

**Locus ID:** 243833

**UniProt ID:** [Q8BGV5](#)

**Cytogenetics:** 7 A1

**Gene Summary:** Transcriptional repressor. May modulate BMP and TGF-beta signal transduction, through its interaction with SMAD proteins.[UniProtKB/Swiss-Prot Function]