

## Product datasheet for **MC219314**

### Zfp131 (NM\_028245) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp131 (NM_028245) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp131
Synonyms:	2610109I01Rik; AW558871; Znf13; Znf131
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC219314 representing NM\_028245  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGAGGCTGAAGAGACGATGGAATGCCTTCAGGAGTTTCTGAACATCATAAAAATGATCTTGACCGAT  
 TGAATGAACAACGGGAGCAGGACCGTTTACGGACATCACCTGATTGTGACGGACACCAATTTAAGGC  
 CCACAAGGCTGTTTTGGCTGCCTGCAGTAAGTTCTTCTACAAATCTTCCAGGAGTTTACTCAAGAGCCT  
 TTGGTTGAAAATGAAGGTGTTAGTAAAAAGGCTTTTCGCCACTTAATTGAGTTCACATACACAGCAAAAAC  
 TAATGATACAAGGGGAAGAAGAAGCCAATGATGTGTGAAAGCAGCAGAGTTTCTACAAATGCTGGAAGC  
 TATTAAGCACTGAAGTCAGGAACAAAGAAAACCTCAGCTCCATTAGAGGAAAACACTACAGGAAAAAAT  
 GAGGCAAAAAAAGAAAGATTGCAGAAACTTCAAATGTTATCACTGAATCATTACCATCTGCAGAATCAG  
 AACCTGTGAAAATGAGGTGGAGATTGCTGAGGGCACAATTGAAGTAGAAGATGAAGGCATCGAAGCTTT  
 GGAGGAAATGGCTTCTGCCAAGCAGTCTATAAAGTACATACAGAGCACAGGCTCCTCCGATGATTCCGCT  
 CTGGCGTTGTTGGCAGATATCACCAGCAAGTACCGTCAAGGTGAAAGCAAAGGACAGATTAGCGAAGATG  
 ACTGTGCATCTGACCCATAAGCAAACAGGAACACATGAAATCACACTCCACTGAGAGTTTCAAGTGTGA  
 AATATGCAATAAAAGGTATCTTCGAGAGAGTGCCTGGAACAGCACCTTAACTGTTACCACCTTGAAGAA  
 GGTGGAGTAAGTAAGAAGCAAAGAAGCTGGGAAAAAATTCACATATGCCAGTACTGTGACAAACAGTTTG  
 ACCACTTTGGACACTTTAAAGAACACCTTCGAAAAACATACAGGTGAAAAACCTTTTGAATGTTCAAATG  
 TCACGAGCGGTTTGCTAGAAATAGCACTCTCAAATGTCACCTCACTGCATGCCAACTGGAGTAGGAGCA  
 AAAAAGGGCAGGAAGAAGCTTTATGAATGCCAGGTCTGTAAACAGTGTATTTAACAGCTGGGACCAGTTCA  
 AAGTCACTTGGTAATACACACTGGAGATAAACCCAACCTTGTACTCTGTGTGACTTGTGGTTTATGCA  
 AGGAAATGAATTACGGAGGCATCTTAGTGATGCTCACAATATTTACAGAGGTATAGTAACTGAAGAAGTC  
 CTTTCAGTAGAAACACATTTACAAACCGAGCCAGTGACATCAATGACTATTATAGAGCAAGTTGGGAAAG  
 TGCATGTGTTGCCACTGCTTCAGGTCCAAGTGGATTCCGCACAAGTAACTGTGGAACAAGTTCATCCAGA  
 TCTGCTCCAGGACAGCCAAGTGCATGATTCACAAATGACCGGGCTTCAGAGCAGGTCCAAGTGAAGTAT  
 CTGGAAGTGGCCGAATTCAGACTGAAGAAGGCACTGAAGTACATGTTGAAGAGCTTACGTTGAACGGG  
 TAAATCAGATGCCAGTTGAAGTACAGACTGAGCTTCTAGAAGCTGACTTGGATCACATGACCCCTGAAAT  
 CATGAGCCAAGAGAGAGAGAGCCTAACCATGCAGATGCTGCCATGGAAGAACACGAAGATGCTGAGGGG  
 TTAGAGACCAACCAAGCGAGTATCCCAAGCTAGAAAAACAGAGAATGACAGGACATCTCTGCCGTTT  
 TAGAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_028245

**Insert Size:** 1758 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\\_028245.4](#), [NP\\_082521.1](#)

**RefSeq Size:** 2985 bp

**RefSeq ORF:** 1758 bp

**Locus ID:** 72465

**UniProt ID:** [Q8K3J5](#)

**Cytogenetics:** 13 D2.3

**Gene Summary:** This gene encodes a member of the BTB/POZ family of transcription factors. This protein has been found to act as a transcriptional activator and may regulate estrogen receptor signaling. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2014]  
Transcript Variant: This variant (5) differs in the 5' UTR and lacks an in-frame portion of the 5' coding region compared to variant 1. Variants 2 and 5 encode the same isoform (2, also known as the short isoform), which is shorter than isoform 1.