

Product datasheet for **MC228490**

Zfp131 (NM_001302547) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Zfp131 (NM_001302547) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zfp131 |
| Synonyms: | 2610109I01Rik; AW558871; Znf13; Znf131 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC228490 representing NM_001302547
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGCTGAAGAGACGATGGAATGCCTTCAGGAGTTTCTGAACATCATAAAAATGATCTTGGACCGAT
 TGAATGAACAACGGGAGCAGGACCGTTTACGGACATCACCTGATTGTGACGGACACCAATTTAAGGC
 CCACAAGGCTGTTTTGGCTGCCTGCAGTAAATTCTTCTACAAATTCCTCCAGGAGTTTACTCAAGAGCCT
 TTGGTTGAAAATTGAAGGTGTAGTAAAATGGCTTTTCGCCACTTAATTGAGTTCACATACACAGCAAAAAC
 TAATGATAACAAGGGGAAGAAGAAGCCAATGATGTGTGAAAGCAGCAGAGTTTCTACAAATGCTGGAAGC
 TATTAAGCACTGAAGTCAGGAACAAAGAAAACCTCAGCTCCATTAGAGGAAAACACTACAGGAAAAAAT
 GAGGCAAAAAAAGAAAGATTGCAGAAACTTCAAATGTTATCACTGAATCATTACCATCTGCAGAATCAG
 AACCTGTGAAAATTGAGGTGGAGATTGCTGAGGGCACAATTGAAGTAGAAGATGAAGGCATCGAAGCTTT
 GGAGGAAATGGCTTCTGCCAAGCAGTCTATAAAGTACATACAGAGCACAGGCTCCTCCGATGATTCCGCT
 CTGGCGTTGTTGGCAGATATCACCAGCAAGTACCGTCAAGGTGAAAGCAAAGGACAGATTAGCGAAGATG
 ACTGTGCATCTGACCCATAAAGCAAACAGGTAGAAGGTATTGAAATTGTGGAACCTCAGCTGTACATGT
 GAAGGACTTGTCCATTGTGAGAAAATGTAACCGTTCATTTAAATTTGTTTTACATTTTAAGGAACACATG
 AAATCACACTCCACTGAGAGTTTCAAGTGTGAAATATGCAATAAAAGGTATCTTCGAGAGAGTGCCTGGA
 AACAGCACCTTAACTGTTACCACCTGAAGAAGGTGGAGTAAGTAAGAAGCAAAGAACTGGGAAAAAAT
 TCACATATGCCAGTACTGTGACAAACAGTTTGACCACTTTGGACACTTTAAAGAACACCTTCGAAAAACAT
 ACAGGTGAAAAACCTTTGAAATGTTCAAATGTCACGAGCGTTTGTAGAAAATAGCACTCTCAAATGTC
 ACCTCACTGCATGCCAAACTGGAGTAGGAGCAAAAAAGGCAGGAAGAAGCTTTATGAATGCCAGGTCTG
 TAACAGTGTATTTAACAGCTGGGACCAGTTCAAAGATCACTTGGTAATACACACTGGAGATAAACCCAAC
 CATTGTACTCTGTGTGACTTGTGGTTTATGCAAGGAAATGAATTACGGAGGCATCTTAGTGATGCTCACA
 ATATTTTCAGAGCGTATAGTAACTGAAGAAGTCCTTTTCAGTAGAAAACACATTTACAAAACCGAGCCAGTGAC
 ATCAATGACTATTATAGAGCAAGTTGGGAAAGTGCATGTGTTGCCACTGCTTCAGGTCCAAGTGGATTCC
 GCACAAGTAACTGTGAACAAGTTCATCCAGATCTGCTCCAGGACAGCCAAGTGCATGATTCACAAATGA
 CCGGGCTTCCAGAGCAGGTCCAAGTGAGTTATCTGGAAGTGGGCCGAATTCAGACTGAAGAAGGCACTGA
 AGTACATGTTGAAGAGCTTACGTTGAACGGGTAATCAGATGCCAGTTGAAGTACAGACTGAGCTTCTA
 GAAGCTGACTTGGATCACATGACCCCTGAAATCATGAGCCAAGAGGAGAGAGCCTAACCATGCAGATG
 CTGCCATGGAAGAACACGAAGATGCTGAGGGGTTAGAGACCAAACCAAGCGAGTATCCCAAGCTAGAAA
 AACAGAGAATGACAGGACATCTCTGCCGTTTTAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001302547
- Insert Size:** 1860 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001302547.1](#), [NP_001289476.1](#)

RefSeq Size: 3230 bp

RefSeq ORF: 1860 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 (1) encodes the longer isoform (1, also known as long isoform). Variants 1, 3 and 4 encode the same isoform (1).