

Product datasheet for **MC228381**

Zfp131 (NM_001302548) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp131 (NM_001302548) 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: >MC228381 representing NM_001302548
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGCTGAAGAGACGATGGAATGCCTTCAGGAGTTTCTGAACATCATAAAAATGATCTTGACCGAT
 TGAATGAACAACGGGAGCAGGACCGTTTACGGACATCACCTGATTGTCGACGGACACCAATTTAAGGC
 CACAAGGCTGTTTTGGCTGCCTGCAGTAAGTTCTTCTACAAATCTTCCAGGAGTTTACTCAAGAGCCT
 TTGGTTGAAAATTGAAGGTGTAGTAAAATGGCTTTTCGCCACTTAATTGAGTTTACATACACAGCAAAAAC
 TAATGATAACAAGGGGAAGAAGAAGCCAATGATGTGTGAAAGCAGCAGAGTTTCTACAAATGCTGGAAGC
 TATTAAGCACTGAAGTCAGGAACAAAGAAAACCTCAGCTCCATTAGAGGAAAACACTACAGGAAAAAAT
 GAGGCAAAAAAAGAAAGATTGCAGAAACTTCAAATGTTATCACTGAATCATTACCATCTGCAGAATCAG
 AACCTGTGAAAATTGAGGTGGAGATTGCTGAGGGCACAATTGAAGTAGAAGATGAAGGCATCGAAGCTTT
 GGAGGAAATGGCTTCTGCCAAGCAGTCTATAAAGTACATACAGAGCACAGGCTCCTCCGATGATTCCGCT
 CTGGCGTTGTTGGCAGATATCACCAGCAAGTACCGTCAAGGTGAAAGCAAAGGACAGATTAGCGAAGATG
 ACTGTGCATCTGACCCATAAGCAAACAGGAACACATGAAATCACACTCCACTGAGAGTTTCAAGTGTGA
 AATATGCAATAAAAGGTATCTTCGAGAGAGTGCCTGGAACAGCACCTTAACTGTTACCACCTTGAAGAA
 GGTGGAGTAAGTAAGAAGCAAAGAACTGGGAAAAAATTCACATATGCCAGTACTGTGACAAACAGTTTG
 ACCACTTTGGACACTTTAAAGAACACCTTCGAAAAACATACAGGTGAAAAACCTTTTGAATGTTCAAATTG
 TCACGAGCGGTTTGCTAGAAATAGCACTCTCAAATGTCACCTCACTGCATGCCAACTGGAGTAGGAGCA
 AAAAAGGGCAGGAAGAAGCTTTATGAATGCCAGGCTGTAAACAGTGTATTTAACAGCTGGGACCAGTTCA
 AAGTCACTTGGTAATACACACTGGAGATAAACCCAACCATTGACTCTGTGTGACTTGTGGTTTATGCA
 AGGAAATGAATTACGGAGGCATCTTAGTGATGCTCACAATATTTTCAGAGGTATAGTAACTGAAGAAGTC
 CTTTCAGTAGAAACACATTTACAAACCGAGCCAGTGACATCAATGACTATTATAGAGCAAGTTGGGAAAG
 TGCATGTGTTGCCACTGCTTCAGGTCCAAGTGGATTCCGCACAAGTAACTGTGGAACAAGTTCATCCAGA
 TCTGCTCCAGGACAGCCAAGTGCATGATTCACAAATGACCGGGCTTCAGAGCAGGTCCAAGTGAGTTAT
 CTGGAAGTGGGCCGAATTCAGACTGAAGAAGGCACTGAAGTACATGTTGAAGAGCTTACGTTGAACGGG
 TAAATCAGATGCCAGTTGAAGTACAGACTGAGCTTCTAGAAGCTGACTTGGATCACATGACCCCTGAAAT
 CATGAGCCAAGAGAGAGAGAGCCTAACCATGCAGATGCTGCCATGGAAGAACACGAAGATGCTGAGGGG
 TTAGAGACCAACCAAGCGAGTATCCCAAGCTAGAAAAACAGAGAATGACAGGACATCTCTGCCGTTT
 TAGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001302548
- 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).
- 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_001302548.1](#), [NP_001289477.1](#)

RefSeq Size: 3185 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 (2) 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.