

Product datasheet for **MC228452**

Zfp189 (NM_001289901) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp189 (NM_001289901) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp189
Synonyms:	BB131811; C430015I23Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC228452 representing NM_001289901
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGTCCCCAAGCCACCGCTGGAGCCAAAGGAGGAGTGGGGTTATCTGGATCCAGCTCCGAGAAGCC
 TGTATAAAGATGTCATGATGGACAGCTACGGAAGCTGGTCTCGCTGGATGTTTTAAACAGAAATAAAGA
 TGAAGAGCCAAGTGTAAAGAAGAACTTGAGAAAGATATCGAGCCACAGGGTGAATAGTTACAAGAATC
 AAAAGTGAATTGATCAAGATCTGTGGGTAGCGAAACCTTTGAACTTGTGGTAGGTTAGATAAACAA
 GAGGGATCTTTTTGTGGGAAATACCACGTGACTCTCTGAGTGAGGAACAGAACTATTTAGAGGGCACAC
 TAATGTCCGTAAGAGACCAACTTCAGAAGAGAAGTGTCATAAATGTGAAGAATGTGGAACGTTTTGTC
 CGCAAGGCCCATTTTCATTCAGCATCAAAGGGTCCACACGGGTGAGAAACCTTTTCAGTGAACGAGTG
 GGAAGAGCTTCAGTGAAGTTCCTTTGTTATTGAACATCAGAGAATTCACACTGGGGAACGACCCTATGA
 GTGTAATTACTGTGGGAAACCTTTAGTGTGAGCTCTACCCTTATTAGACACCAGAGAATCCACACTGGA
 GAAAGGCCTTACAGTGTAAATCAGTGTAAACAGAGCTTCAGCCAGAGAAGGAGCCTTGTGAAACACCAAA
 GAATTCACACTGGTGAGAAACCCATAAATGCAGTGACTGTGGAAGGCCTTCAGTTGGAATCCACCT
 TATTGAGCATCAGAGGCCACACTGGTGAGAAACCTATCACTGTACCAATGCAAGAAAAGTTTTAGT
 CGAAACTCATTGCTTGTGAACACCAGAGAATTCATACCGGAGAAAGACCTCATAAGTGTGGTGAATGTG
 GGAAAGCGTTCAGATTAAGTACATACCTTATAACACCAAAAAATACACACTGGTGAGAAGCCTTTTCT
 TTGTATTGAATGTGGAAGAGTTTCAGTCGGAGCTCATTCTTATTGAACATCAGAGGATCCATACGGGG
 GAACGCCCTTATCAGTGCCAAGAGTGCGGGAAAAGTTTCAGTCACTTTGCAACCTTACCGTCATCAGA
 GAATTCACACGGGGGACAAACCCACAAGTGTGAGGAGTGTGGGAAAGCCTTCAGTGAAGCTCAGGTCT
 CATTGAGCAGCAGAGAATCCATATCAGGGAAAAGACTTCGCCATTGAGTGAAGTAAAGGAAAGTTTGTAT
 CCAAACTGCAGTCTGGTTATACAGCAGGAAGTCTCCCTAAGGAGAAATCGTACAAATGCGATGACTGTG
 GGAAAACGTTTCAGTGTGCTGCTCATCTGTACAGCATCAGAGGATCCACACTGGTGAGAAGCCCTACCT
 GTGTACTGTCTGCGGAAAAGCTTCAGTCGGAGCTCGTTTCTTATTGAGCATCAGAGAATCCACACTGGG
 GAGAGACCCTATCTGTGCAGACAGTGTGGCAAAAGTTTGTCACTTTGTAATCTCATCGCCATCAGG
 GCGTTTCACACTGGTAACAAGCCCCACAAGTGTGAGGAGTGTGGGAAAGCCTTCAGCAGGAAGTCAAGTCT
 CATTGAGCAGCAGAGAATCCACACAGGAGAGAAGCCTTATAGGTGTGGAAGTGTGACAAAAGTTTGTAGT
 CAACAGCGCAGCCTTGTCAACCATCAGAAGATCCATGCAGAGGTGAAAACCCAGGAAATTTATGAATGTG
 ATGCTGCGGCGAAGCCTTTACTTGTGAGATTTCTCTAATTCAGCATCAAAGTTGCATATTATGTGGAT
 GCAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001289901

Insert Size: 1827 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001289901.1, NP_001276830.1

RefSeq Size: 2876 bp

RefSeq ORF: 1827 bp

Locus ID: 230162

Cytogenetics: 4 B1