

Product datasheet for **MC220131**

Zfp300 (NM_183185) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp300 (NM_183185) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp300
Synonyms:	D930016N04Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220131 representing NM_183185
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAATTACAGGAATCAGTGTCAATTTGAGGATGTGTCTGTGGACTTCACTCAGGAAGAATGGAATCAAC
 TGGACCCTATTCAGAGGAGCCTATACAGAGATGTGATGCTAGAGAACTATAGTCATCTTGCTCTCTGGG
 GTATCCTATTACCAAACAGAAAGTGATCGCCTCTTTAGAGAAAAGGAGTCCTTGGGATAATAAAGAGAGAA
 ATTCGAAGTTCAAGTTGCACAGAAGATGGTCAAGCTGAATACAACCTGGCATGGCATCAGAAAAATCAAA
 ATATGCACCTGGAGCAAGCTATATCCATTATTGAGAAAAATGTAAGTGAAGAAAGAAAGTTATGAATATGA
 TGGATTTGTAAGCCCACTTTCTCAGAGCACATGGGTAGTTTCTTCAGGACCCACACCCTATATGAATAAC
 TCATTTGGAGAAAGTATAAAAATAATTTAGGTTTAGTCAATCCTAGTAGTATGAGCTTTGCAGCTCAGG
 AATGTTATGAATGAATAGATGTAGGAAATTTAATTCCTGGCAGACATGAGATAAGTGACAGAATGAA
 ATCCCAGGAGCATAATATGTTTGGAAAAGAGCATATTTATAACTTTGTTTCAGCATGACTTGACTCAACT
 GGAGACAAAACCTATGAATGTCCTGAGTGTAGAATAACCCCTAGCCCAAGTTCATTCCTTGTGTTTCATC
 AGATCACTCACATAGGAGAAAAGCCTTATGAATGGGCAAGATGCAGAGAAGCATTCAACAACACAGCACA
 CCTCAGTCTACATCAAACAATGCACACAGGAGACAAGCTTTTTGAATGTAATGAATGTGGCAAGTCTTTC
 AGAGAGGAGTCAACACTGCATATACATCAAAGAACACATACAGGTGAAAAACCATATATATGTACTGAGT
 GTGGCAATGCTTTTCAAGAAAAGACAAATCTTATCATAACATCGGAGAAGTCAAAAGGAGAGAAAGCCCTA
 TAAATGTACAGATTGTGAGAAAACCTTCAACAAAAAGCTCATCTTAATGTACATCAGAGAACACACACA
 GGAGAAAACCTTTTGAATGTACCAATTGTGGCAAGTACTTCAGAGAGAAATCAACTCTGAATATACATC
 AAAGAACTCATAACAGGAGAGAAAACCATATGTATGCAATGAGTGTGGCAAGCCTTCAGAGAAAAGACAAA
 ACTCATTATACATCAGAGAAGTCAACAGGAGAAAACCCCTATGAATGTTTCAAGAAAGTGGGAGAGCATT
 AACCAAAAAGGCACACCTCAGTGTACATCAGAGAACACACAGGAGAGAAAACCTTTTGAATGCAATGAAT
 GTGGCAAGCTTTTCAAGAAAAGTCAACACTGCGCAGACATCAAAGAATTCACACAGGAGAAAACCTTAA
 TGTGTGTTTCAAGAAAGTCAACACTGCGCAGACATCAAAGAATTCACACAGGAGAAAACCTTAA
 GGGGAAAAACAGATGGATGACTGTATGTGGAAAAGTCTTCTCCGGAAGTCATACCTCATGTTACATC
 AGAGAGCTCATAAAAAGAAAGACTTAAAAATCATATGAATGCAATGAATGTGATAAAGCATTCTTACA
 GAAATCATATCTCATTATTCATCAGAGGGTTCATGCAGGAGAGAAAACCCCTATGAATGTAATATATGTGAG
 AAATCTTTCTCCAAAAATCATATCTCATTATTCATCAAAGAATCCATACAGGAGAGAAAACCGTATCAAT
 GTGATAAGTGTAGCAGAGCCTTCAGAGAGAAGTCCAAACTCACTGTGCATCAAAGAAGTCAATAGGAGA
 GAAACCCCTATGACTGCCCTGAATTGGAAAAGAACTTTCCAGAGATCAAAGTTCCTCATGGATTAGAGAAC
 TCAGAGATGAAAGAAAACAAAGAAGTAAAAATGGAAAATCTGTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_183185
- Insert Size:** 1938 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_183185.3](#), [NP_899008.2](#)

RefSeq Size: 4658 bp

RefSeq ORF: 1938 bp

Locus ID: 245368

Cytogenetics: X A1.3