

Product datasheet for **MC220206**

Zfp12 (NM_177681) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp12 (NM_177681) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp12
Synonyms:	C530015C18; Krox-7; Zfp-12; Znf12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220206 representing NM_177681
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATACATCCTTAGGCCACTGTCATTCAAGGATGTGGCTGTGGCCTTCTCCCAGGAGGAGTGGCAGC
 AGCTGGACCCTGAGGAAAGGACGACATACAGGGATGTGATGCTGGAGACCTACAGCAACCTCGTCTCCGT
 GGATGAGATCCGGCACATGAGCAGGCTGATGGAGGAGACCAGGGAGGTGAAGAGAACCAGTCAAGTTCA
 GCTGTGTTACGCTACAGAAGCCGGGCTGATGCCTCTAGTAAGGCCACTGATGGAGAAACAAAGCCCTTTC
 CCTCACAGAAGGCCCTCCCTCAGTGCAACTCCTGTGAGAAGAGCCTGATGTGTCTCGGCGTTCATCCG
 AAGCGACGGAAGCTACGCAAACTGAGGCCAATGTGTGTCCGGGTGTGGGAAGCCCTCCCTGCAGC
 AAGCCCGAGGAAACACACCCTGGAGGTGAGTCTTACGAATTTAGTGGGATGGAGATGAGGACCCTCTCG
 GTGAAGAAGGCGTGTATCAGAAGGGTCACTTTTGGAGGACCCCTTGAATACGTTGAGTGCCAGAAATC
 CTTCCCAAGGGCACTGTGTTTCTAATCACCTGGAAGAGGAGCCCTGCGACTGGAATGACGCTGAGGTC
 GCTTTCCTGCAGACGTCAGACCTCAGTGCCACCAGGATTCTCTCATGGAATGAAGCCCTACGAGTGCC
 AGCAGTGTGGAAAGTCTTCTGCAAAAAGTCCAAGTTCGTCATCCATCAGAGGACTCACACAGGAGAGAA
 GCCCTTCAAGTGCAGTCACTGTGGGAAGTCTTCTGCCAGAAGGGCACCCCTCACCGTCCACCAGAGGACG
 CACACCGGGGAGAAGCCCTACGAGTGTACCGAGTGCAGGAAAGACCTTCTACCAGAAGCTGCACCTCATT
 AGCACCAGAGGACCCACTCGGGGAGAAGCCCTACAAGTGTGGCTACTGCGGGAAGTCTTCTGCCAGAA
 GACGCATCTCACTCAGCACCAGAGGACGCACTCGGAGAGAGGCCCTATGTTTGTACGACTGTGGCAAG
 ACGTTCTCTCAGAAGTCACTCAATGACCACCAGAAGATCCACACGGGCGTCAAACCTACAAATGCA
 GCGAGTGTGGCAAGTCTTCTGCCGCAAGTCCACGCTCACACCACATGAGGACGCACAGGGGAGAGAA
 GCCGTACGAATGCAACGAGTGCAGCAAGTCTTCTCCAGGCTGTCGTACCTCACCGTGCATTACAGAACC
 CACTCGGGGAGAAGCCCTACGAGTGTGCGGAGTGCAGGAAAGTCTTCTACCTGAACTCAGCCCTTATGA
 GACATCAGAGGTTGCACACGGGGAGAAGCCTTACGAGTGTAAACGAGTGTGGAAATTTCTCGCAGCT
 GTCCTACCTCACCGTGCATCACAGAACTCACTCAGGAGTGAAGCCCTATGAGTGTAGCGAGTGTGGAAAG
 ACCTTCTACCAGAATTCAGCCCTCTGTAGACACCGGAGAATTACAGAGGGGAGAAGCCCTATGAATGCT
 ACATCTGTGGCAAGTCTTTTCTCAGATGCTTACCTCACGATCCATCACAGAATTCACTCAGGGGAGAA
 GCCCTATGAGTGCCGCGAGTGTGGGAAGTCTTCTGCCAGAACTCAGCCCTCAACAGACACCAGCGCAGC
 CACACGGGAGAAAAGCCTACGAGTGTACGAGTGTGGGAAATGCTTCTCCAGATGCTTATCTCTACTA
 TCCATCACAGGATCCACTCGGGAGAGAAGCCCTTCGAGTGTAAACGAGTGTGGGAAAGCCTTCTCTCGGAT
 GTCGTACCTCACTGTGCACCACAGGACCCACTCAGGAGAGAAGCCCTATGAATGTACGGAGTGCAGGAAAG
 AAATTCTACCACAAGTCCGCGTTCAATAGCCATCAGAGAACTCACAGGAGAGGGAGCGGGAATGGGGTTG
 AT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_177681
- Insert Size:** 1965 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_177681.4](#), [NP_808349.1](#)

RefSeq Size: 5180 bp

RefSeq ORF: 1965 bp

Locus ID: 231866

UniProt ID: [Q7TSI0](#)

Cytogenetics: 5 G2

Gene Summary: Transcriptional repressor which suppresses activation protein 1 (AP-1)- and serum response element (SRE)-mediated transcriptional activity.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.