

Product datasheet for **MC218612**

Zfp12 (BC059836) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp12 (BC059836) 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: >BC059836
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGAGCAGGCTGATGGAGGAGGACCAGGGAGGTGAAGAGAACCAGTCAAGTTCAGCTGTGTTCACTACA
 GAAGCCGGGCTGATGCCTCTAGTAAGGCCACTGATGGAGAAACAAAGCCCTTCCCTCACAGAAGGCCCT
 CCCTCAGTGCAACTCCTGTGAGAAGAGCCTGATGTGTGCTCGGCGTTTCATCCGAAGCGACGGAAGCTAC
 GCAAACTGAGGCCCAATGTGTGTGCCGGGTGTGGGAAGCCCTCCCTGCAGCAAGCCCGAGGAAACAC
 ACCCTGGAGGTGAGTCTTACGAATTTAGTGGGGATGGAGATGAGGACCCTCTCGGTGAAGAAGGCGTGTA
 TCAGAAGGGTCACTTTTTGGAGGAGCCCTTGAATACGTTGAGTGCCAGAAATCCTTCCCAAGGGCACT
 GTGTTTCTTAATCACCTGGAAGAGGAGCCCTGCGACTGGAATGACGCTGAGGTGCTTTCTGCAGACGT
 CAGACCTCAGTGCCACCAGGATTCTCTCATGGAATGAAGCCCTACGAGTGCCAGCAGTGTGGGAAGTC
 CTTCTGCAAAAAGTCCAAGTTCGTATCCATCAGAGGACTCACACAGGAGAGAAGCCCTTCAAGTGCAGT
 CAGTGTGGGAAGTCCTTCTGCCAGAAGGGCACCTCACCGTCCACCAGAGGACGCACACCGGGGAGAAGC
 CCTACGAGTGTACCGAGTGCGGGAAGACCTTCTACCAGAAGCTGCACCTATTACGACCCAGAGGCCCA
 CTCGGGCGAGAAGCCCTACAAGTGTGGCTACTGCGGGAAGTCCTTCTGCCAGAAGACGCATCTCACTCAG
 CACCAGAGGACGCACTCGGGAGAGAGGCCCTATGTTTGTACGACTGTGGCAAGACGTTCTCTCAGAAGT
 CAGCACTCAATGACCACCAGAAGATCCACACGGGCGTCAAACCTTACAAATGCAGCGAGTGTGGCAAGTG
 CTTCTGCCGAAGTCCACGCTCACAAACCACATGAGGACGCACACGGGCGAGAAGCCGTACGAATGCAAC
 GAGTGCGGCAAGTCTTCTCCAGGCTGTCGTACCTCACCGTGCATTACAGAACCCTCGGGGAGAAGC
 CCTACGAGTGTGCGGAGTGCGGGAAGTCCTTCTACCTGAACTCAGCCCTTATGAGACATCAGAGGTGCA
 CACGGGGGAGAAGCCCTTACGAGTGTAAACGAGTGTGGGAAATTATTCTCGCAGCTGTCTACCTCACCGTG
 CATCACAGAACTCACTCAGGAGTGAAGCCCTATGAGTGTAGTGTGAGTGTGGAAAGACCTTCTACCAGAATT
 CAGCCCTCTGTAGACACCGGAGAATTACAGAGGGGAGAAGCCCTATGAATGCTACATCTGTGGCAAGTT
 CTTTTCTCAGATGTCTTACCTCACGATCCATCACAGAATCACTCAGGGGAGAAGCCCTATGAGTGCCGC
 GAGTGTGGGAAGTCCTTCTGCCAGAACTCAGCCCTCAACAGACACCAGCGCACGCACACGGGAGAAAAAG
 CCTACGAGTGTACGAGTGTGGGAAATGCTTCTCCAGATGTCTTATCTCACTATCCATCACAGGATCCA
 CTCGGGAGAGAAGCCCTTCGAGTGTAAACGAGTGTGGGAAAGCCTTCTCTCGGATGTCGTACCTCACTGTG
 CACCACAGGACCACTCAGGAGAGAAGCCCTATGAATGTACGAGTGTGGGAAAGAAATTCTACCACAAGT
 CCGCGTTCAATAGCCATCAGAGAACTCACAGGAGAGGGAGCGGGAATGGGTTGATTGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: BC059836

Insert Size: 1809 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.

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

RefSeq: [BC059836](#), [AAH59836](#)

RefSeq Size: 4395 bp

RefSeq ORF: 1808 bp

Locus ID: 231866

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]