

Product datasheet for **MR209318**

Zfp12 (BC059836) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp12 (BC059836) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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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**ORF Nucleotide
Sequence:**

>MR209318 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

 ATGAGCAGGCTGATGGAGGAGGACCAGGGAGGTGAAGAGAACCAGTCAAGTTCAGCTGTGTTAGCTACA
GAAGCCGGGCTGATGCCTCTAGTAAGGCCACTGATGGAGAAACAAAGCCCTTCCCTCACAGAAGGCCCT
CCCTCAGTGCACTCCTGTGAGAAGAGCCTGATGTGTGCTCGGCGTTTCATCCGAAGCGACGGAAGCTAC
GCAAACTGAGGCCCAATGTGTGTGCCGGGTGTGGGAAGCCCTCCCTGCAGCAAGCCCGAGGAAACAC
ACCCTGGAGGTGAGTCTTACGAATTTAGTGGGGATGGAGATGAGGACCCTCTCGGTGAAGAAGCGTGTA
TCAGAAGGTCAGTCTTTTGGAGGAGCCCTTGAATACGTTGAGTGCCAGAAATCCTTCCCAAGGCACT
GTGTTTCTTAATCACCTGGAAGAGGAGCCCTGCGACTGGAATGACGCTGAGGTGCTTTCTGCAGACGT
CAGACCTCAGTGCCACCAGGATTCTCTCATGGAAATGAAGCCCTACGAGTGCCAGCAGTGTGGGAAGTC
CTTCTGCAAAAAGTCCAAGTTCGTATCCATCAGAGGACTCACACAGGAGAGAAGCCCTTCAAGTGCAGT
CAGTGTGGGAAGTCCTTCTGCCAGAAGGGCACCCCTACCGTCCACCAGAGGACGCACACCGGGGAGAAGC
CCTACGAGTGTACCGAGTGCGGGAAGACCTTCTACCAGAAGCTGCACCTATTACGACCCAGAGGACCCA
CTCGGGCGAGAAGCCCTACAAGTGTGGCTACTGCGGGAAGTCTTCTGCCAGAAGACGCATCTCACTCAG
CACCAGAGGACGCACTCGGGAGAGAGGCCCTATGTTTGTACGACTGTGGCAAGACGTTCTCTCAGAAGT
CAGCACTCAATGACCACCAGAAGATCCACACGGGCGTCAAACCTTACAAATGCAGCGAGTGTGGCAAGTG
CTTCTGCCGAAGTCCACGCTCACAAACCACATGAGGACGCACACGGGCGAGAAGCCGTACGAATGCAAC
GAGTGCGGCAAGTCTTCTCCAGGCTGTCGTACCTACCGTGCATTACAGAACCCTCGGGGAGAAGC
CCTACGAGTGTGCGGAGTGCGGGAAGTCTTCTACCTGAACCTCAGCCCTTATGAGACATCAGAGGTTGCA
CAGGGGGAGAAGCCCTTACGAGTGTACGAGTGTGGGAAATTATTCTCGCAGCTGTCTACCTCACCGTG
CATCACAGAACTCACTCAGGAGTGAAGCCCTATGAGTGTAGTGTGAGTGTGGAAGACCTTCTACCAGAATT
CAGCCCTCTGTAGACACCGGAGAATTACAGAGGGGAGAAGCCCTATGAATGCTACATCTGTGGCAAGTT
CTTTTCTCAGATGTCTTACCTCACGATCCATCACAGAATCACTCAGGGGAGAAGCCCTATGAGTGCCGC
GAGTGTGGGAAGTCTTCTGCCAGAACTCAGCCCTCAACAGACACCAGCGCACGCACACGGGAGAAAAAG
CCTACGAGTGTACGAGTGTGGGAAATGCTTCTCCAGATGTCTTATCTCACTATCCATCACAGGATCCA
CTCGGGAGAGAAGCCCTTCGAGTGTACGAGTGTGGGAAAGCCTTCTCTCGGATGTGCTACCTCACTGTG
CACCACAGGACCACTCAGGAGAGAAGCCCTATGAATGTACGAGTGTGGGAAAGAAATTCTACCACAAGT
CCGCGTTCAATAGCCATCAGAGAACTCACAGGAGAGGGAGCGGGAATGGGTTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209318 protein sequence

Red=Cloning site Green=Tags(s)

 MSRLMEEDQGGREENQSSSAVFSYRSRADASSKATDGETKPFPSQKALPQCNSCEKSLMCVSAFIRSDGSY
AKLRPNVCAGCGKPLPCSKPEETHPGGESYFSGDGEDPLGEEGVYQKGFLEEFYVEECQKSFPGKT
VFLNHLEEEPCDWNDAEVAFLQTSLSAHQDSLMEKPYECQQCGKSFCKKSKFVIHQRTHTGEKPFKCS
QCGKSFQKQGLTVHQRTHTEKPYECTECGKTFYQKLHLIQHQRTHSGEKPYKCGYCGKSFCQKTHLTQ
HQRTHSGERPYVCHDCGKTFYQKSLNDHQIHTGVKLYKCECGKCFCKRSTLTTHMRTHTEKPYECN
ECGKFFSRLSYLTVHYRTHSGEKPYECAECGKSFYLSALMRHQRVHTGEKPYECNECGKLFSQLSYLTV
HHRTHSGVKPYECSECGKTFYQNSALCRHRIHREKPYECYICGKFFSQMSYLTIIHRIHSGEKPYECR
ECGKSFQNSALNRHQRTHTGEKAYECYECGKCFYQMSYLTIIHRIHSGEKPFECNECGKAFSRMSYLT
HHRTHSGEKPYECTECGKFFYHKSANSHQRTTHRRGSGNGVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: BC059836

ORF Size: 1806 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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](#)

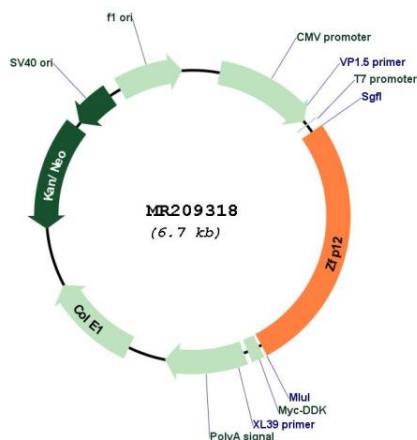
RefSeq Size: 4395 bp

RefSeq ORF: 1808 bp

Locus ID: 231866

Cytogenetics:	5 G2
MW:	69 kDa
Gene Summary:	Transcriptional repressor which suppresses activation protein 1 (AP-1)- and serum response element (SRE)-mediated transcriptional activity.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209318