

Product datasheet for **MR230266**

Zfp14 (NM_011748) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp14 (NM_011748) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp14
Synonyms:	4732429I09Rik; Krox-9; mKIAA1559; Zfp-14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR230266 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCTGGCTCAGGGTTTAGTGACGTTTGGGGATGTGGCTGTGGATTTCTCTCAGGAGGAGTGGGAAT
 TCCTGGACCCTGCTCAGAAGAACCCTGTACAGGGATGTGATGTGGGAGACCTATAGCAATTTTATTTCACT
 GGATTTGGAGTCTAGATTCAAGACCGATACTTCATCTTCAGACAAGGCCATTTGTGAAGTATATTCGTTA
 CAGTGGGAGTTGATTGAGAAAATAAAAACCTAAGCCCTCAGGGTTCTGGTCTTAGTGATGATCAGGAAT
 GTAACACAAGACTGGGCTACAAAAGGAACCGCAGGAGGGTTATTTGGGCAGTTGAAAATTACCTCTGA
 AAAAGTCACATATGAAAAGCACAGTTTCCTTTCTGAGTACCAGAGAGTTTCAAGTGGAGAAAAGTTCTAT
 GAATGTAAGAGTGTAGGAAGACCTTTATCCGCCGCTCAACGCTTAGTCAGCACTTGAGGATCCACACCG
 GCGAGAAACCTTACAAAATGCAAGGAGTGTGGGCAACCCCTCAGACAGCGGGCGCACCTTATCCGACATCA
 CAACTTCACACCGGTGAGAAGCCCTATGAGTGTAAAGACTGTGGGAAGGCCTTTACAGTGTCCAGGAA
 CTCACACAGCACCAGCGTCTCAGACTGGTGAGAAGCCGTACGAATGCAAGGAATGTGGAAGGCCTTCC
 GGTCCATCAGCAGCTGGCTCGGCATCAGAGGATTCACACTGGGGAAAAGCCCTATGAGTGAAGGAGTG
 TGGGAAGACCTTCAGACAGTGCACACACCTTACCCGACACCAGAGACTTCACACTTCTGAGAAAATCTAT
 GAATGTAAGGAGTGTGGGAAAGCCTTCGTGTGTGGCCAGACCTTCGAGTACATCAGAAAATCCACTTTG
 GTGAGAAGCCCTATGCCTGTAAGGACTGTGGTAAGTCCTCAGAATATGCCAACAGCTGACCGTCCACCA
 GAGTATTCACACTGGGGAGAAACCTATGAATGTAAGGAATGTGGGAAGACCTTCAGATTGAGGCAGCAG
 CTTGTTCCGCATCAGAGAATCCATACCCACGAGAGACCTTATGAGTGTCTGGAATGTGGAAGACCTTCA
 GTAGTACTCCAGCTGATTTACATCAGAGCATTTCATGTTGGGGAGAGACCGTACGAGTGTGAAGAGTG
 TGGGAAGGCCTTCCGGCTGCTCTCGCAGCTCACTCAGCACCAGAGCATCCATACAGGCGAGAAGCCTTAT
 GAATGCCAGGAGTGTAGAAAACCTTCCGGCTGTTGTCACAGCTCACTCAGCACCAGGAGCATCCACACCG
 GCGAGAAGCCTTATGAATGCAAGGACTGTGGCAAGCCTTTAGACTTTATTCATTTCTTCTCAGACCA
 GAGGATCCACACTGGTGAGAAGCCCTACAAATGTAAGGAGTGTAAAGGAGCCTTCAGACAGCACTCACAC
 CTGACCCAGCACCAGAAGATCCACAGTGAACC

**ACCGGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA**

Protein Sequence:

>MR230266 protein sequence
 Red=Cloning site Green=Tags(s)

MALAQGLVTFGDVAVDFSQEWEFLDPAQKNLYRDMWETYSNFI SLDLERSFKTDTSSSDKGICEVYSL
 QWELIEKIKNLSPOGSLSDQECKHKTLQKEPQEGYFGQLKITSEKVTYEKHSFLSEYQRVQNGEKFY
 ECKECRKTFIRRSTLSQHLRIHTGEKPYCKECKGQPFQRRAHLIRHKLHTGEKPYECKDCGKAFTVLQE
 LTQHQLHTGEKPYECKECKGKAFRVHQQARHQRHTHTGEKPYECKECKGTFRQCTHLTRHQLHTSEKLY
 ECKECKGAFVCGPDLRVHQQIHFGEKPYACKDCGKSFRIQCQLTVHQSHTGEKPYECKECKGTFRLRQQ
 LVRHQRHTHTHERPYECKEWCWTFSSYSQLISHQS IHVGERPYECECGKAFRLLSQLTQHQSHTGEKPY
 ECQECRKPFRLLSQLTQHRSHTHTGEKPYECKDCGKAFRLYSFLSQHQRHTHTGEKPYKCKECKKAFRQHS
 LTQHQKIHSHT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_011748

ORF Size: 1503 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: [NM_011748.2](#), [NP_035878.1](#)

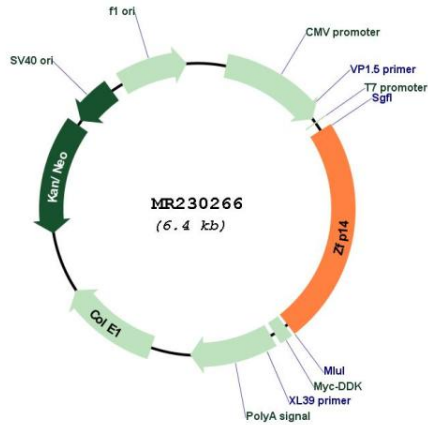
RefSeq Size: 3491 bp

RefSeq ORF: 1506 bp

Locus ID: 243906

UniProt ID: [P10755](#)
 Cytogenetics: 7 B1
 MW: 59.1 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR230266