

Product datasheet for **MR210124**

Zfp111 (NM_019940) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp111 (NM_019940) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp111
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR210124 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCAAGTTACAGGAGCAGTGACATTCAGGGACGTGGCCGTGGTCTTCAGCGAGGAGGAGCTGGGGC
 TGCTGGACGCTGCTCAGAGGAAGCTGTACCACGATGTGATGCTGGAGAATTTCAGGAACCTCCTGGCAGT
 GGGAGGCCAGAGTCCAAATAAGATGGAGATTGTTGACGCAACAGGATTAAGGTGCCTTTACTGGGGCAG
 CTTCTCTGCTGGGGAGAAACAAGCCATAATATCAACAACTAGCCAGAGCTCTAGAAGCTGTAATCAACA
 CTCAGGGAAAGTGTCTCACTCATTGGAGCAGTGCCACTCCTCCTGCCACAGGGTATCAGAAGAGCCTCC
 CCGGGATTCTGAGGATAGCAGTTCCTGATCTGACAAATGACCATTCCAGCATTACTGAAAATCAGGAA
 TTTCTGTCTGGGAGGCCAGGGTTCCTGGGGTAAAAGACGTCTTAGGAAAAGACAGAACCATCAGAAAA
 ACTGTCTGCAGACTCTGATGAAAAACAAGCCACAGCTGCTGGCTCAGCATTCTCCTGTACATAGTACGCA
 GGAGGACACCAGGCATAGCTTCAGTGTGCCAGTCAAGAAAGCATTATCCAGGAAGAAAGCGCTACAGG
 TGTCAAGAGTGTGGCAAGGCTTCCGTCAGAGCTCAGCACTTCAGACTCACAGAGAGTGCACACAGGGG
 AGAAGCCCTACAGGGGCAACAGCCGTGGGAAAACTTCAGTCGTAGCTCGGATCTCAACATCCACCGCCA
 AGTGCACACTAGAGAGAAACCTTACACATGTAAAGTGTGTAAGAAGCGCTTCATGCAAGTGTTCGCTTCTC
 CAGGCTCACAGAGGATTCACACAGGAGAGAAGCCATATAAGTGTGGCGACTGTGGCAAGCGCTTCAGCT
 GTATCTCGAACTTTCACATCCACCAGAGAGTCCACACTAAGAGCAAACCGTCCAAGTGTGATTATGGGAA
 GCCCTTCAACTTGAGATGCAACTCCACAGCCATCAGCGGGTCCACACAGGAGAGAAGCCATATAAATGT
 GAAGAGTGTGGGAAGGGTTTCACTTCAGCCTCAAGCTTCAAAGACACCAGCGGGTCCATACAGGAGAGA
 AGCCATTTGTCTGCAGTGTGTGGGAAGGGCTTCAGTCGGACTTCATACCTTCAGACTCATCAGAGAGT
 GCACTCAGGGGACAAGCCTTATCAGTGGCAGAGCTGTGGGAAGGGCTTCACTCAGTTGTACACCTCCAG
 GCCACGAGAGAAATTCACACAGATCAGAAGCCATATAAGTGTGGAGACTGTGGCAACCGCTTCAGCTGCA
 GCTCAAACCTTCACACCCACCAGAGAGTCCACACAGGAGAGAAACCTATAAATGTGAGGAGTGTGGGAA
 AGGCTTCAGCCTTGTCTCTGGGCTACAGGCTCATCAAAGAGTCGAAACTGGCAAGAAGCCATTCAAATGC
 AATGCATGCCAGAAGCGATTTAGTCAGGCCTGGAACCTCCATGCCACCAGAGGGTGCACACTGGGGAGA
 AGCCCTACAAATGTGACACGTGTGGAAAGCCTTTGGCCAGAGGTCTGGTCTCAAATCCATCAGAGAAT
 TCATACTGGGAGAAGCCTTCAAGTGTGAGGAGTGTGGGAAGGAATTCAGCTTGAATCCGGGCTTATT
 GCTCACCGGAGAGTCCACACGGGAGAGAAACCCTATGAGTGAAGGACTGTGGGAAAGGCTTCAGTCTTG
 CCTCAAGTCTACGGACTCATCAGAGAGTTCACACTGGTGAGAAGCCCTTCCAATGCAATGAGTGCCAGAA
 GCGGTTCAAGTCAAGTCTCACACCTCCAGTCCCACCAGAGAGTGCACACTGGGGAGAAGCCCTACAAATGT
 GACCGGTGTGGAAAGCTTTAGCCAGAAGTCTGGGCTCCAAGTCCATAAGAGAATTCACACTGGGGAGA
 AGCCGTTCAAGTGTGAGGAGTGTGGGAAGGAATTCATCTGGAGCTCAGGGCTTAGTGCTCACCGGAAGGT
 TCATACAGGAGAGAAACCTACAGACGTGGCAGTATGGGAAGGGCTTCATCAGGCTCACACTCCGAT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR210124 protein sequence
Red=Cloning site Green=Tags(s)

```

MTKLQEAVTFRDVAVVFSEEELGLLDAAQRKLYHDMLENFRNLLAVGGQSPNKMEIVDATGLRCLSLGQ
LLCWGETSHNINKLARALEAVINTQKCSHSLEQCHSSCHRVSEPPRDESSSPDLTNDHSSITENQE
FLSGRAQGSWGRRLRKRQNHQKNCLQTLMKNKPQLLAQHSPVHSTQEDTRHSFVSPVQESIYGRKRYR
CQECGKAFRQSSALQTHQRVHTGEKPYRGNSRGKNFSRSDLNHRQVHTREKPYTCKVCKKRFMQCSLL
QAHKRIHTGEKPYKCGDCGKRFSCISNFHIHQRVHTKSKPSKCDYGKPFNLRCNFHSHQRVHTGEKPYK
EECGKGFTSASSFORHQRVHTGEKPFVCSVCGKGFRTSYLQTHQRVHSGDKPYQDCSCGKGFQLSHLQ
AHERIHTDQKPYKCGDCGKRFSCSSNLHHTQRVHTGEKPYKCEECGKGFSLVSLGLQAHQRVETGKKPFK
NACQKRFSAWNLHAHQRVHTGEKPYKCDTCGAFGQRSLQIHQRIHTGEKPFKCEECGKEFSLNSGLI
AHRRVHTGEKPYECKDCGKGFSLASSLRTHQRVHTGEKPFQCNQCQKRFSSQVSHLQSHQRVHTGEKPYK
DRCGKAFSQKSLQVHKRIHTGEKPFKCEECGKEFIWSSGLSAHRKVHTGEKPYRRRQYKGLIRPHTSD
    
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_019940

ORF Size: 2103 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.

RefSeq: [NM_019940.2](#), [NP_064324.2](#)

RefSeq Size: 7134 bp

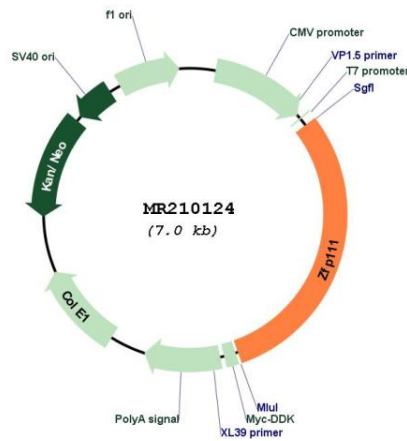
RefSeq ORF: 2103 bp

Locus ID: 56707

Cytogenetics: 7 A3

MW: 80 kDa

Product images:



Circular map for MR210124