

Product datasheet for **MR230812**

Zfp994 (NM_001205095) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp994 (NM_001205095) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp994
Synonyms:	EG240038; Gm4944
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR230812 representing NM_001205095
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGCTTCTCTCCTAAATGCTCCTCAGGGTCAGTTAACGTTCAAGGATGTGGCTGTGGACTTCTCAC
 AGGAGGAATGGCAATGTCTTGACTGTGCTCAGCAGGCATTGTACATGGATGTGATGTTGGAGAATTACAA
 TAATCTGTTTTTTGTGGAGAATCATTGCATGTGTCTAAATTTGAGAAGATGTTGGATCAAGACCTACAG
 CATATTGTCTCGAACATGTAATACCCAAGTGAATCTTATGAATGTCATGAGCTTGACAAGATCATCC
 ATGAGTTCACCGAAGTACACCTTATAAACTAACCTCAGGGCTACATCTGTTGAATCATCAAACCTAAA
 CAGACATGAACTGAAAACAACAGAGAACCTTGCAAATATGAAAACCATGTAACCTGTTTCAATTTGTGC
 TCTACCATTAGTCTAAATCAAGGAATCAACATAGGAAAGAAAGAATAACAATGGTGCAAAGCTTGATAAGG
 TTTTTGACTCTAAAGAAATCCTCATGTTGAAACAAACAAAAGTGTAAAGAAACCTTACAAATGTAGTGA
 ATGTGCCAAATGTTTTGCCAAGAAATGCTGGTTTAGAAAACATCAGACAACCTCATACAGGAGAAAAATTT
 TACAAATGTAATGAATGTGACAAATCCTTTACCCAAAAAGGCAGTCTTAGTATTATCAGAAATCATA
 CAGGAAAGAAACCTTACAAATGTAGTGAATGTGAGAAATGCTTCAATTCAAGTTGGTGATCTTAGAAGACA
 TCAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAATGAATGTGAAAAATGCTTTAGCTACAAAAGC
 AGCCTTAGAACTCATCAGAGAATTCATACAGGAGAGAAGCCTTACAAATGTAGTGAATGTGACAAATGCT
 TTTCCACAAAGGCAGTCTTAGTATTATCTGAGAATTCATACAGGAGAGAAACCTTACAAATGTAGTGA
 ATGTGACAAAAGCTTTACCCAAAAAGGCAGTCTTAGTATTATCAGAGAATTCATGCAGGAGAGAAACCT
 TACAGATGTAGTGAATGTGACAAAAGCTTTACTCTAAAATGCAGTCTTATCATTCAATAAATTCATA
 CAGGAGAGAAAGCTTACAAATGTAGTGAATGTGACAAATGCTTTCCCTCAAAGTGATCTTAGTATTCA
 TCAAAGAATTCATACAGGAGAAAACTTTATAGATGTAGTGAGTGTGATAAATGCTTTACAAAGAATAT
 CGTCTTAGAAGTCATCAGACAATTCATACAGGAGAGAAACCTTACAAGTGCAGTGAATGTGACAAATCTT
 TTACCCTGAAAGGCCATCTTAGAATTCATCAACGAATTCATACAGGAGAGAAACCTTACAAATGTAATGA
 ATGTGACAAATGCTTTACTCAAAAATGCAGTCTTATTATTCATCACAGAATTCATGCCGAGAAAAACCC
 TACAAATGTAGTGAATGTGACAAATACTACACTCGAAAAAGCCATCTTATTGTTTCATCAGCGCATTACA
 TAGGAGAAAAACCTTACAAATGCAGTGAATGTAACAAATGCTTTACCAACAAATATTGTCTTAGAACTCA
 TCAGAGAATACATTAGTGAATAAGCCTTACAAATGTAGTGAATGTGACAAATCTTTGCCCTGAATGCC
 AGGCTCAGGTGTCATCGGATTATTCATACAGGAGAAAAACCATACAAATGTAGTGAATGTGGCAAACTACT
 TTACCCAAAAAGGAAGTCTTATAATTCATCAGAGAATTCATACAGGAGAGAAACCTTACAAATGTAGTGA
 ATGTGACAAAGTACTTTACCCGAAAAAGCAGTCTTAATGTGCACCAGAGAGTTCATACAGGAGAGAAACCT
 TACAAATGTAGTGAATGTGACAAATGCTTTCCATAAAGGTGATCTTAGAAAACATCAGAGAATTCATA
 CAGGAGAAAGAACCTTACAGATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR230812 representing NM_001205095
 Red=Cloning site Green=Tags(s)

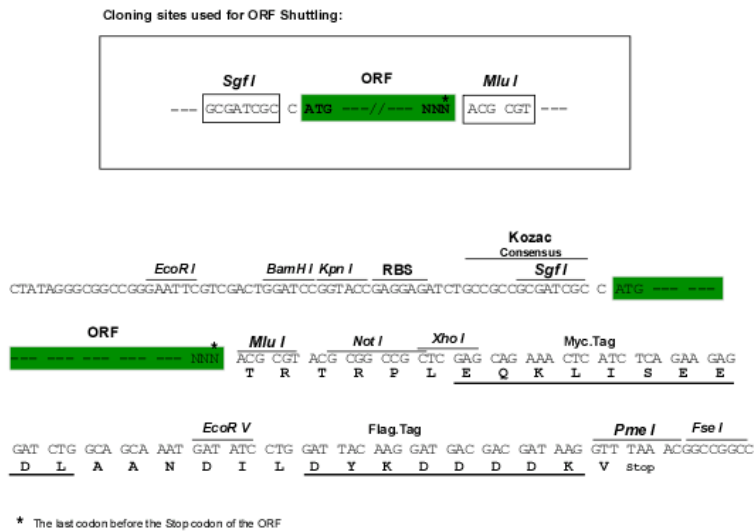
MNASLLNAPQGQLTFKDVAVDFSQEEWQCLDCAQQALYMDVMLENNLFFVENHCMCPKFEKMLDQDLQ
 HIVLEHVNTQVKSIECHELDKIIHEFTGSTPYKTNLRATSVESNLNRHETENNREPKYENHVNCFNLC
 STISLNQGINIGKKEYNGAKLDKVFDSKEILMLKQTKSVKKPKYKSECAKCFAKKCWFRKHQTTHTGEKF
 YKCNECDKSFQKGSLSIHQKYHTGKKPKYKSECEKCFIQVGDRLRRHQRIHTGEKPYKNECEKCFSYKS
 SLRTHQRIHTGEKPYKSECDKCFSHKGSLSIHLRIHTGEKPYKSECDKSFQKGSLSIHQRIHAGEKP
 YRCSECDKGFLLKCSLIHQIHTGEKAYKSECDKCFSLKSDLSIHQRIHTGEKLYRCSECDKCFTKKY
 RLRSHQTIHTGEKPYKSECDKSFLLKGLRIHQRIHTGEKPYKNECDKCFQKCSLIHHRHAGEKP
 YKSECDKYYTRKSHLIVHQRIHAGEKPYKSECNKCFNTNKYCLRTHQRIHSANKPYKSECDKSFALNA
 RLRCHRIHTGEKPYKSKGKYFTQKGSLSIHQRIHTGEKPYKSECDKYFTRKSSLNVHQRVHTGEKP
 YKSECDKCFSHKGLRKHQRIHTGERTLQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

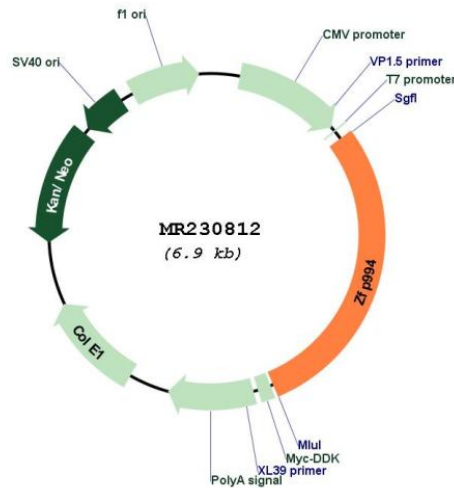
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001205095

ORF Size: 1983 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_001205095.1](#), [NP_001192024.1](#)

RefSeq Size: 4880 bp
RefSeq ORF: 1986 bp
Locus ID: 240038
Cytogenetics: 17 A3.3
MW: 77.9 kDa