

Product datasheet for **MR225980**

Zfp872 (NM_001033813) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp872 (NM_001033813) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp872
Synonyms:	9530015I07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225980 representing NM_001033813
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCAGTGGCTTTTGAGGATGTAGCTGTGAACCTCACCCATGAGGAGTGGCTCTGCTGGACGATT
 CTCAGAAGGAACTGTACCAAGATGTGATGCAGGAAACCGTTGATAACCTGGCTTCTATTGGGAAAATTG
 GCAAGACCAGAGCATTAGGGATCAGTGCAAACTCAGGAAAATACATAAGTGCTCATGTAGAACAGAGA
 CCCC CGAATGGAAAAGTGCATGCAGGGAAGTCTTACCCAGCTTCCAGCTCTTAAACAGCAGCATATTC
 TCCCTGGAGTAAAGCCCTGTGAATGCGGTATATGTGAAAAGTTACTCTGTGCTTCTCTCTTAAAGAG
 GCACATGCAGTGTATAGTGAGCACACACAGTGGGAGAGTCACGGATTACAGGGGAAGTTATACCAGTGT
 AAGGACTGTGGGAAAGCATTACGCTTTCAAAGTTCATTTAGAATACATGAGAGGACTCACACTGGAGAGA
 AGCCCTACATGTGAAGGAATGTGGCAAAGCCTTCATTTATCACACCATTATCAAGGACACATGAGGAT
 GCACACAGGAGAAAACCTATAAATGTAAAGAGTGTGGGAAGGCTTTCAGCCACCCAGCTTGTTCGA
 AACCACGAACGAGCTCACTCTGGAGAGAAAACCTATGAGTGTAAAGCAGTGTGGGAAGACCTTCAGATATT
 ACCAAAACCTTTCAGTTACATGAGAGGACTCACACTGGAGAGAAGCCTTACCAGTGTAAAGCAGTGTGGAA
 AGCTCTCAGTCGCTCCACATCTTTTCGAAGTACGAGAGGATCCACACTGGAGAAAACCATATAAATGT
 AGAAAAATGTGGCAAAGCCTTTAGATTCCCAGTTCCTTTTCGAAACATGAAAGAATTCACACTGACGAGA
 GGCCTTATGATTGTAAGGAGTGTGGGAAAGCCTTCATTTCTCTCCAAGCTTTCGAAGGCATGTGATATT
 GCACACTGGAAACGGCCCTTACAAATGTAAAGAGTGTGGGAAAGCCTTCGATTGTCCCAGCTCATTTAC
 ATTCATGAGCGAACACACACTGGAGAGAAGCCCCACGAGTGTACGCGGTGCGGGAAGGCCTTCAGCTGCG
 CCAGTTCTGTTTGAATTCATGAGAGGACTCACACGGGAGAGAAGCCCTATGAGTGTAAAGCAGTGTGGAA
 GGCCCTTAGTTCTCTAGCTCCTTTTCGATGCATGAACGAATTCACACTGGAGAGAAAACCTATGAATGT
 AGGCAGTGTGGGAAAGCCTTTAGCTTCTAGCTCCTTTTCGATGCATGAGAGGACTCACAGGGAGAGA
 AGCCCTATGAATGTAAGCAGTGTGGGAAAGCCTTTAGTTCCTCTAGCTCCTTTACATGCATGGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225980 representing NM_001033813
 Red=Cloning site Green=Tags(s)

MDSVAFEDVAVNFTHEEWALLDDSQKELYQDVMQETVDNLASIGENWQDQSIIRDQCKTQGKYISAHVEQR
 PREWKSACREVF TQLPALKQQHILPGVKPCECGICGKVYSCRSSLKRHMQCHSEHTQWESHGFRGKLYQC
 KDCGKAFS FQSSFR IHERHTHTGEKPYMCKEKGKAFIYHTTYQGHMRMHTGEKPYKCKEKGKAFSHPSLFR
 NHERAHSGEKPYECKQCGKTF RYYQTFQLHERHTHTGEKPYQCKQCGKALSRSTFRSHERIHTGEKPYKC
 RKCGKAFRFPSSFRKHERIHTDERPYDCKEKGKAFISLPSFRRHVILHTGNGPYKCKEKGKAFDCPSSFH
 IHERHTHTGEKPHQCRCGKAFSCASSVRIHERHTHTGEKPYECKQCGKAFSSSSFRMHERIHTGEKPYEC
 RQCGKAFS FSSFRMHERTHKGEKPYECKQCGKAFSSSSFRMHG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9110_g12.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001033813

ORF Size: 1395 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_001033813.4](#), [NP_001028985.1](#)

RefSeq Size: 2960 bp

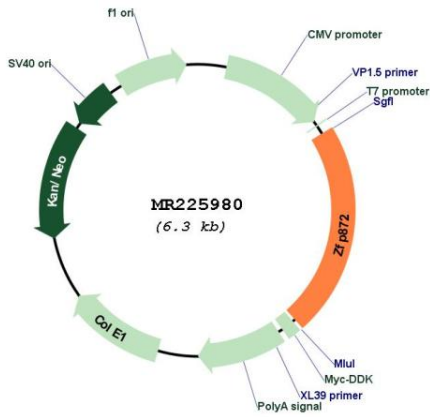
RefSeq ORF: 1398 bp

Locus ID: 619310

Cytogenetics: 9 A3

MW: 54.1 kDa

Product images:



Circular map for MR225980