

## Product datasheet for **MR208963**

### Zfp768 (NM\_146202) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp768 (NM_146202) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp768
Synonyms:	BC026432; Znf768
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR208963 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGCGGGAGGCGTCGTCGTGGGGCCTGGAGTCCCAGGATGTGCACAGTCCCAACGCAGTGGGCAGCC  
 CCGAAGGGTCTCTCAAAGATCCTGCAGGCAACACAAGTGAGAATGAAGAAGGGGAAATTTCTCAGCGAGA  
 AGGCAATGGGGACTATGAAGTTGAAGAAATACCTTTTGGGCTTGAACCCCAAAGCCAGAGTTTGAAGCC  
 CAAAGCCAGAATTTGAATCCCAGAGCCCCAGGTTTGGAGCCTGAAAGCCAGGGTTTGAATCCCAGAGCC  
 CTGGGTTTGTGCCCCAAGCCCTGAGTTTGCACCCAGAAGTCTGAATCAGATCCTCAGAGCCCGGAGTT  
 TGAATCCCAGAGTCTAAGTATGAGCCCCGAAGCCCTGGCTGCCATCCCAGGAGCCCTGGCTGTGAACCT  
 GGGAGTCTAGGTATGAACCCAAAAGCCCTGGGTACGGTTCAAAGAGCCCCGAATTTGAATCTCAAAGTC  
 CAGGGTATGAATCTCAGAGCCCCGGGTATGAACCCGAGAAGTCTGGAGATGGCGTTCAGAATTCTGAGTT  
 CAAAACCCATAGCCCTGAGTTTGAAGTCAAAGTTCAAATTCAGGAAGGTGCAGAGATGCCTCTGAGC  
 CCCGAGGAAAAGAATCCCTTGGAGTCTCCCTAGGAGTCCACCCCTGGATTCTTTACTCAAGGGTTTGG  
 GGGAGCAGCCACAGGAGCGCTGCCTCCATTTGACATGCCTTCGGGGGCTCTGCTGGCTGCACCCAGTT  
 TGAGATGCTCCAGAACTCACTGAATCTGACAGGAACCTGCGTGGGCCAGGCCGTAGGGGTGGCCGGCC  
 AGGGGTGGGAAGGCCCTCGACCTAACATCTGTGGCATCTGCGGGAAGAGCTTTGGACGAGGCTCGACCC  
 TGATCCAGCACCAGCGCATCCATACCGCGGAGAAGCCTTACAAATGTGAGGTTTGCAGCAAGGCCTTTTC  
 CCAGAGCTCTGACCTCATCAAACACCAGCGCACGCATACAGGCGAGCGGCCCTACAAGTGTCCAGGTGC  
 GGCAAGGCCTTCGCTGATAGCTTTACCTACTCCGCCACCAGCGTACCCACTCTGGCCAGAAGCCCTACA  
 AATGTCCACACTGTGGGAAGGCCCTTTGGCGACAGCTCTACCTCTGCGACACCAGCGCACCCACAGCCA  
 CGAGAGGCCCTACAGCTGCCCCGAGTGGCAAGTGCTATAGCCAGAAGTCTCCCTGCGCAGTACCCAA  
 AGGGTGCACACTGGGCAACGGCCTTTCAGCTGTGGCATCTGTGGCAAAAGCTTCTCCCAACGGTACGAC  
 TTATCCCCACGCCCGCAGCCACGCCCGTGAAGGCCCTTCAAGTGCCAGAGTGCAGGCAAGCGCTTCGG  
 CCAGAGCTCAGTTCTGGCCATCCATGCCCGCACCCACCTGCCAGGCCGACGTACAGTGCCTCCGATTGT  
 GGCAAGACCTTCAACCGCTCCTTACACTATTACAGCACCAGCGTTCCACACAGGCGAGAGGCCGTACC  
 GCTGCGTGTGTGGCAAGGGCTTCTGTCGCTCCTCCACGCTGTACAGCACCATCGCGTGCATAGTGG  
 GGAGCGACCTTAAGTGTGATGACTGTGAAAGGCCCTTCTCGCAGAGCTCCGACCTCATCGCCACCAG  
 CGGACCCACGAGCCGGCCCGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR208963 protein sequence  
 Red=Cloning site Green=Tags(s)

MEREASSWGLSRDVSHPNAVGSPEGLKDPAGNTSENEEGEISQREGNGDYEVVEEIPFGLPEQSPFEFEP  
 QSPEFESQSPRFEPESPGFESRSPGFVPPSPEFAPRSPESDPQSPEFESQSPKYEPRSPGCHPRSPGCEP  
 GSPRYEPKSPGYGSKSPEFESQSPGYESQSPGYEPQNSGDGVQNSEFKTHSPEFETQSSKFQEGAEMPLS  
 PEEKNPLSISLGVHPLDSFTQGFGEQPTGALPPFDMPGALLAAPQFEMLQNPLNLTGTLRGPGRRGRA  
 RGGQGRPNICGICGKSFGRGSTLIHQHRIHTGEKPYKCEVCSKAFSQSSDLIKHQRTHTGERPYKCPRC  
 GKAFADSSYLLRHQRTHSGQKPYKPHCGKAFGDSSYLLRHQRTHSHERPYSCPECGKCYQNSSLRSHQ  
 RVHTGQRPFCGICGKSFQRSALIPHARSHAREKPFKCECGKRFQSSVLAIHARTHLPGRITYSCPDC  
 GKTFNRSSTLIHQHRSHTGERPYRCAVCGKGFCSSTLLQHHRVHSGERPYKCDDCGKAFSQSSDLIRHQ  
 RTHAAGR

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_146202

**ORF Size:** 1707 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\\_146202.1](#), [NP\\_666314.1](#)

**RefSeq Size:** 2268 bp

**RefSeq ORF:** 1707 bp

**Locus ID:** 233890

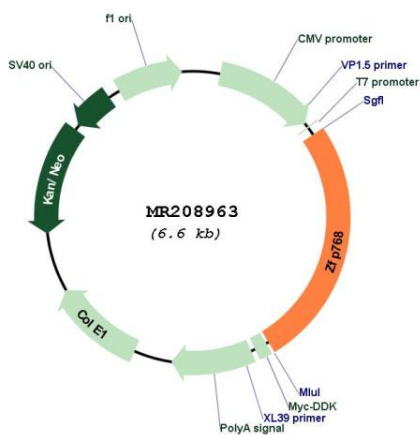
**UniProt ID:** [Q8R0T2](#)

**Cytogenetics:** 7 F3

MW: 62.7 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR208963