

## Product datasheet for MR216922

### Zfp787 (NM\_001013012) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zfp787 (NM\_001013012) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Zfp787  
**Synonyms:** 2210018M03Rik; Znf787  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR216922 representing NM\_001013012  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGCTTCGAGAAGAAGCTTGGTCTCCGGGGCCACTGGATTCTGAGGACCAGCAGATGGCCAGTCATG  
 AGAACCCAGTGGACATCCTCATCATGGATGACGATGACGTCCCCAGCTGGCCCCGACCAAGCTGTCCCC  
 ACCCCAGTCTGCACCTCCTCTGGGCCCGCCAGGCCGCGGCCACCAGCACCTACATCTGCACTGAG  
 TGTGGCAAAGCTTCAGCCACTGGTGAAGCTGACACGACACCAGCGCACGCACACAGGCGAGCGGCCA  
 ATGCCTGTACCGACTGCGGCAAGACCTTCTCGCAGAGCTCGCATTGGTGCAGCACCGGGCGCATCCACAC  
 AGGCGAGAAGCCATATGCCTGCTCAGAGTGCGGCAAGCGCTTAGCTGGAGCTCCAACCTCATGCAGCAC  
 CAGCGCATCCACACGGGGGAGAAGCCTTATACTTGCCCCGACTGCGGCCGAGCTTCACACAGAGCAAGA  
 GCCTAGCCAAGCACCGCGCTCCACAGTGGTTTAAAGCCCTTCGTGTGTCCGCGCTGCGGCCGTGGCTT  
 CAGCCAGCCAAAGAGCCTGGCACGCCACCTGCGGTTGCACCCAGAGCTGTGAGGGCCAGGTGTGGCAGCC  
 AAGGTGCTGGCAGCCAGCGTGGCGCGGCCAAGGCACCGGAGGAGGCCACAGCAGCGGACGGCGAAATCG  
 CTATCCCAGTGGGCGATGGCGAGGGCATTATTGGTGGGCCCGCCAGGGGATGGTGTGCAGCGGCCCG  
 AGCTCTGGCTGGGTGGGACCGGGCAACGGGACACGGTCGCGCAGGGCGCCGGCGCCAAGCCGAT  
 GTGTGCATGGAGTGGGGAAGGGTTTTGGGCACGGGCTGGGCTGTTGGCCACCAGCGCTCAGCAGC  
 GGGATGGGCTCGGGTAGCGGTTGGTGAGGAGCCTGCACACATCTGCGTGGAGTGTGGTGAGGGCTTTGT  
 GCAGGGTGCCGCACTGCGGAGACACAAGAAGATCCATGCAGTTGGGGCGCCTTCGGTCTGCAGCAGCTGC  
 GGACAGAGTTTCTATCGGGCGGTGGAGAGGACGATGGAGAGGACCAGTCGGCTGGTGCAGGTTGCCG  
 AATGTCGGGGTGGGAGGCCCG

**ACGGT**ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



**Protein Sequence:** >MR216922 representing NM\_001013012  
Red=Cloning site Green=Tags(s)

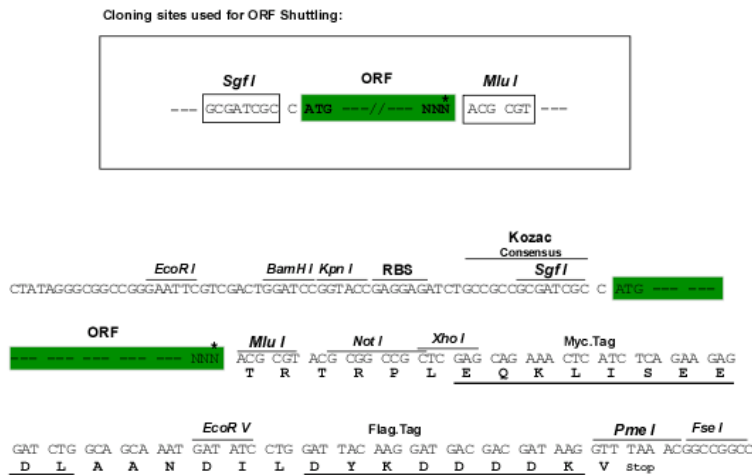
MELREEAWSPGPLDSEDQQMASHENPVDILIMDDDDVPSWPPTKLSPQASAPPPGPPPRPPAPYICTE  
 CGKSF SHWSKL TRHQRHTGERPNACTDCGKTF SQSSHLVQHRR IHTGEKPYACSECGKRF SWSSNLMQH  
 QRIHTGEKPYTCPDCGRSFTQSKSLAKHRRSHSGLKPFVCPRCGRGFSQPKSLARHLRLHPELSGPGVAA  
 KVLAASVRRAKAPEEATAADGEIAIPVGDGEGII VVGPPGDGAAAAAALAGVGRATGTRSRRAPAPKPY  
 VCMECGKGFHGAGLLAHQRAQHGDGLGVAVGEEPAHICVECGEFVQGAALRRHKKIHAVGAPSVCCSS  
 GQSFYRAGGEDDGEDQSAGARCAECRGGEAR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9090\\_a08.zip](https://cdn.origene.com/chromatograms/mm9090_a08.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_001013012

**ORF Size:** 1143 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\\_001013012.2](#)

**RefSeq Size:** 1899 bp

**RefSeq ORF:** 1146 bp

**Locus ID:** 67109

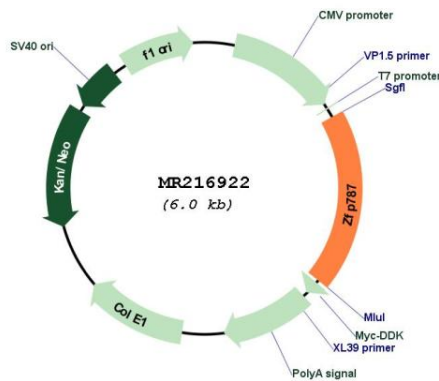
**UniProt ID:** [Q8BIF9](#)

**Cytogenetics:** 7 A1

**MW:** 40.5 kDa

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

**Product images:**



Circular map for MR216922