

Product datasheet for **RN214799**

Zfp667 (NM_001008557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp667 (NM_001008557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp667
Synonyms:	Mip1; Znf667
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN214799 representing NM_001008557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTGCAGCCCGAGGAAATCAAATCCAAGCACCAGTGACTTTTGGGGACTTAGCCATCTACTTCT
 CACAGGAGGAATGGGAATGGCTGAGTCCCAATCAGAAGGATTTGTACGAAGATGTCATGTTGGAGAACTA
 TCACAATCTGGTCTCAGTTGGACTTGCCTGCCGGAGGCCAAATATCATCGCCTTGTGGAGAAAGGGAAA
 GCACCATGGATGGTGGAGCCATCAAGAAAGCGCCGGGTCTGAATTAGGGTCTAAGGATGAGACCAAGA
 AGTTACCACCAAGTCAATGTAACAAATCTGGGCCAAGCATCTGTAAGAAACCAGATTCTTACAACAAAA
 GGTTCCCACAGAGAAGGCAAAACATAACAAGAATGCAGTCCCAAGAAAAACAAGAAAGGCATTACGGC
 AAGAAATCTTTAAAGTGAATAGCTGTGGGAAACCTTTTTTCGAAGCTTATCTCTTAACTCCATCAAG
 GCTTTCACACTGGAGAGAGGTCTTATGAGTGCAGTACTGTGGACAAGTTTTTCAGGCAGATCTTATCTCT
 CATTCTTACCAGAGAGTTCACACTCAGAATAAAAGCTATGAATGTGATAAGTGTGGGGACATTTTTAAT
 AAAAAGTTAACTCTGATGATTCATAGAAGAAGTCATAATGGAAAGGAAAAATTTTACCATGAGAAGACTT
 CAGATTCATGCCCATCCCTCAGTCCACACCATAATAATCACGCTATTGACAGCATTACACAGTGCAGAAA
 ATGTGGGAAAGTCTTACGCCGGATGTCATCCCTTTTACTTTCATAAGAAGATTCACAACAGAAAGAGAATA
 CAAAAATACAGTGCATGTGGGAGAGGCTTCAAAAAGAAGCCAGTCCCTGTACATAAAAAGAAATTTGTATTG
 GGAAGAAAACCTCATGAAAATAAGGCCTTAATTCAAAGTCTCAGGCAGAGAAGTACCAGTCAGAAAACCC
 TTTTACGTGTAGGAAATGCAGGAAGTCTTTAGTAGGATCTCAGCCTTAAATGCTTCATCAGAGAGCTCAC
 ACTTCAGGAAACCCCTACAAATGTGATAAGTGTGCAAGAACTCGGACGACTTCAACCCCTTATCTGC
 ACCTCAGAATTCATAGTGGGGAGAAGCAGTTTAAAGTGAACAAGTGTGAGAAGGTATGCAATCGCCTTTC
 ATCCTTTTATTCAGCACAAAGAAAATCCATAAAAGGAAAAAGAACTCATCGAGTGAAGGAATGTGGAAAG
 ATGTTTGGTGAATGAAAAACCTTAAAGTACATCTCAACATCCATTTCGGAGGAGAAACCTTTCAAGTGCA
 ATAAGTGTAGTAAAGTTTTTGGCCGTCAGTCATTTCTTAGTGAACATCAAGAATTCATACTGGAGAGAA
 GCCCTATCAGTGTGAAGAATGTGGGAAAGCCTTACAGTACCCGGATCTCTCTTACCCGACATAAGAGAATT
 CACAGCGAGGACAGACCTTACGAATGTGACCTGTGTGGGAAAGCCTTACGCCAGAGTGCATCTTGCTC
 AGCATGAAAGAATTCACACTGGAGAGAAGCCTTACGCGTGCAAAATATGTAAGAAGTCTTCACTCAGCG
 CATATCCCTCATTCTACATGAAAGAAGTACACTGGGGAAGCCTTACGAGTGAATGAATGTGGGAAG
 GCATTCAGTAGTGGCTCAGACCTTATCCGACATCAGCGAAGTCATTCTTACAGAGAAACCATATGAATGTA
 GCAAATGTGGTAAGGCATATAGCCGGAGCTCATCTCTGATTTCGACATCAGAGTATACATTTCGGAGGAAAT
 GTCCTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001008557
- Insert Size:** 1827 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001008557.1](#), [NP_001008557.1](#)

RefSeq Size: 3396 bp

RefSeq ORF: 1827 bp

Locus ID: 308326

UniProt ID: [Q5MYW4](#)

Cytogenetics: 1q12

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