

## Product datasheet for **RR203795**

### Zfp2 (NM\_001127558) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp2 (NM_001127558) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp2
Synonyms:	Mkr-2; Mkr2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**ORF Nucleotide Sequence:**

>RR203795 representing NM\_001127558  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACAGGGAAGATCTCTGGCATTAGCTTTAGGGGCTGTCTGGGATTCTACCTGTTGGTTAGAAGAGC  
 AACAGGAAAGATATCTGGGCAAGTGACAGTGACCCAAAAGGAAATATTTAATGAGAAGAGGGTGTGTGG  
 AGGTAATAAAACTGAAAACGGTTCATTGAGCATTCAATGCTTAGTATACCACAAAAGCATTCCCTGTGACA  
 ATAAGACTTTGTAAGTGAATTCATATGGAAAAGGTTCTAACCAAAATCCCAAGTTAATGAAATCTTCAA  
 GAATGTTTGAAGAAAGAAAATATATGAATGTGATGAGTGTGGGAAAAGCTTCAGTCAGAGTTTCATCGCT  
 GCTTAAGCACCAGAGGATTCACACTGGGAGAAACCTTACAAATGTAATGTATGTGACAAGCATTTCATC  
 GAACGCTCCTCCCTTACTGTACATCAAAGGACTCATAACGGGAGAAAAACCTTACAAATGTAATGAGTGTG  
 GAAAAGCCTTTAGTCAGAGTATGAACCTTACTGTTTCATCAAAGAAGTCACTGGAGAGAAAACCTTATCA  
 ATGCAAAGAGTGTGGAAAGGCCCTCCGTAAGAAGTCACTCCCTCATTGAGCATGAAAGGATTCATACTGGA  
 GAGAAGCCCTACAAATGTAAAGACTGTGGGAAAGCCTTTACACAAAGCATGAATCTTACAGTGCACCAGA  
 GAACTCATACTGGAGAAAAGCCCTATGAATGTAACCAATGTGGAAAGGCCCTTCACTCAAAGCATGCATCT  
 TATTGTCCATCAGAGAAGTCATACTGGAGAAAAACCTTATGAATGCAGTGAATGTGGAAAAGCCTTCAGT  
 AAAAGTCAACTCTCACGCTACATCAGCGAAAATCACACTGGAGAAAAACCTTACAAATGTAACAAGTGTG  
 GTAATCCTTTAGTCAAAGTACGTACCTTATAGAACATCAGAGACTTCATTCTGGAGTGAACCTTTTGA  
 ATGTAACCAAGTGTGGAAAAGCTTTCAGTAAGAATTCCTCCCTTACTCAGCATCGCAGAATCCACACTGGT  
 GAGAAAACCTTATCAGTGTATGGTCTGTGGAAAGCATTTCAGTGAAGATCATCCCTCACTGTACACCAAG  
 TTATACACTGGAGAAAAGCCCTATGAGTGCAGTGAATGTGGAAAAGCCTTTAGTCAAAGCGCCTTATCT  
 TATTGAACATCAAAGAATTCACACTGGTGAAGAAACCTTATGAATGTGATCAGTGTGGTAAAGCCTTTCATT  
 AAGAATTCATCCCTTATAGTACACCAGAGGATACATACAGGAGAGAAAACCTTATAAGTGAATGAATGTG  
 GAAAATCCTTCAGCAGGAGCACAAAACCTTACAAGACATCAGAGGACTCATACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR203795 representing NM\_001127558  
 Red=Cloning site Green=Tags(s)

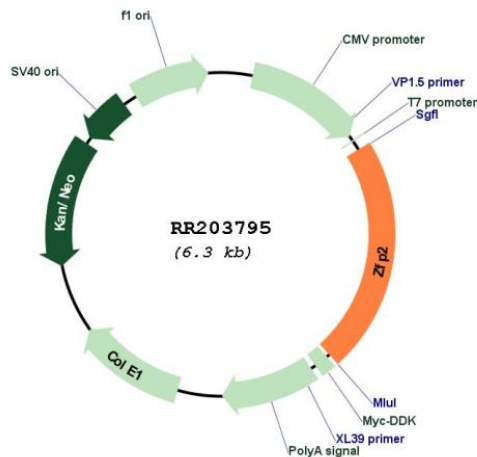
MDREDLWHSALGAVWDSTCWLEEQERYLGQVTVTQKEIFNEKRVCGGNKTENGSIHSMLSIPQSIPT  
 IRLCNWNSYGGKSNQNPKLMKSSRMFVVRKKIYECDECGKSFSSQSSLLKHQRIHTGEKPYKCNVCDKHF  
 ERSSLTVHQRHTHTGEKPYKNECGKAFSQQSMNLTVHQRHTHTGEKPYQCKEKGAFRKNSSLIQHERIHTG  
 EKPYKCNDCGKAFQSMNLTVHQRHTHTGEKPYECNQCCKAFSQQSMHLIVHQRSHHTGEKPYECSECGKAFS  
 KSSLTLHQRNHTHTGEKPYKCNKCGKSFSSQSTYLIEHQRHLHSGVKPFECNQCCKAFSKNSSLTQHRIHTG  
 EKPYQCMVCGKHFTGRSSLTVHQRVHTHTGEKPYECTECGKAFSQQSAYLIEHQRHTHTGEKPYECDCGKAFI  
 KNSSLIVHQRHTHTGEKPYKNECGKSFSSRSTNLTRHQRHTHT

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

**Plasmid Map:**


**ACCN:** NM\_001127558

**ORF Size:** 1383 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\\_001127558.1](#), [NP\\_001121030.1](#)

**RefSeq Size:** 2106 bp

**RefSeq ORF:** 1386 bp

**Locus ID:** 497897

**Cytogenetics:** 10q22

**MW:** 52.9 kDa