

## Product datasheet for **MC223066**

### Zfp106 (BC025424) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp106 (BC025424) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp106
Synonyms:	sirm, Cd-1, D2Dcr28
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC025424 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGTACGAGAACGAAAATGCATATTGTGCCACATCGTGTATGGCTCAAAAAGATGGATGAACACATGC  
GAAGCATGTTGCATCACAGGGAACCTGAGAACCTGAAGGGCAGGGACATTAGTCATGAGTGCCGAGTGTG  
CCGGGTACAGAAAGTGGTCTCTCTGCATATGCAAAGCACATTTCTGGCCAGTTGCACAAAGATAATGTT  
GATGCCAGGAAAGAGAAGATGATGGAAGGAAGAGGAAGAGGATATTTTGATAAGGAACTTGTTTC  
AGTTAATACAAGAAAGAAAAGAACAAAGTCGACAAGATGAACCTCCCAGTAACAGCCAAGAGTAAACTC  
AGATGACAGGCAGCCCCAGTGGAGACGAGAAGACCGAATCCCTTACCAAGACAGAGAGAGCTATAGTCAG  
CCACCAAGACACCATCGTGGACCCACAGAGAGACTGGAATGGGAAAAGGATGGCTTTAATAGTACTA  
GAAAAACAGCTTTCCACATTCTTTGAGGAATAGTGGTGGACCAAGAGGAAGTTCTGTCTGGCATAAAGG  
TGCTACAAGAGGCTCTTCAACTTGGTTCCTTAATCATAGCAATTCTGGAGGAGGCTGGCATTCAACAAT  
GGATGGTAGATTGGAATTATAATGGTACAGGAAGGAATCCAGTTGGCATTCTGAAGGAACAGGTGGCT  
TTCCAGCTGGCACATGAACAACAGTAACGAAACTGGAATCCAGTGTACGTGGTACGAATAGCTGGAA  
TTACAATGGCCTTGAGACAAATTTCAACAAGGCAGAAACAGAAATCCTAACTATCAAATGGAAGACATG  
ACCAAGATGTGGAACAAGAAATCTAATAAGCCAAGCAAGTACAGTCAGGAGAGATGCAAGTGGCAGAGGC  
AAGACAGGGACAAAGCTGCCAAGTACAGGAGTCTCTGAGGGATACGCAAGCGATACGTTTCTTCAGAG  
AGGCTTACTTGAGTTCAATTTTGAACAGCGAGAAAGTCAAACCACTAAACAAACAGACACGGCAGCCTCA  
AAAATTAATGAAAAATGGCACAAAGCAAGGACAAGTTCCGCGCTGGACACCTTACCCTTCCCAGAG  
AGACTCTAGATTTACAGTCAGCCCTGAAAGAAGTCATTGGCAGCAAGTCAGACACACTAGAGAAGCCTCT  
CTTTAATTTTAGCTTAATAACTGCAGGACTGCGCAAACAGTTGATAAAACAAGTAATCCTCCAGTGATA  
AAAACACAAAAGGCAGGACCTCCTGGATCTCCAGTCACAAAGCCATTTCTGATGGCACTGCTTTCTGTG  
AGGTGGCAAGAGCTTGTCCATTACCGAGCAATCTGAGCCACATCAGAAGTCAAATAAGATTCCATTACT  
GAAATCCCACCTCTTCCACTTCAACCCCTAAATCAGGTCTCATAAGCAAAATTTAAAGAACCGCTCA  
AAAAATAAGGAGACAAAGTCTTCTCTGGAGATCACTCACATCTCTGAACTTCTACTTTAGAAG



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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

**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:** [BC025424](#), [AAH25424](#)

**RefSeq Size:** 4397 bp

**RefSeq ORF:** 3737 bp

**Locus ID:** 20402

**Cytogenetics:** 2 60.37 cM