

## Product datasheet for **MR230406**

### Zfp692 (NM\_001040686) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp692 (NM_001040686) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp692
Synonyms:	A1746306; A1839920; Zfp692-ps; Znf692
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR230406 representing NM\_001040686  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCTCTCCGGTGGCAGACGCATCCCGCCCGCGGGGAGAAGCGCAGGCAGCTGGACGCGCGCCGCA  
 GCAAGTGCAGCATCCGCCTGGGCGGCCACATGGAACAGTGGTGCCTCCTCAAGGAGCGGCTGGGCTTCTC  
 CCTGCACTCGCAGCTCGCCAAGTTCCTGTTGGACCGGTACACTTCTTCAGGCTGTGTCTCTGTGCAGCT  
 CCAGAGCCTGGGCTCGGAAGGGTCTGCAGTACCTGGTGCCTCTGTCTCACACACACAGCCGGGAATGCG  
 GCCTAGTGCCCGGCTCCGGGGCTGGAGGTGGTGAAGGAGAGCTTGTATGGGAGTGTCTGCGGGCCA  
 CACGTTCTCTGGGAACCCTCTTTGATTCTGCACCTCAGATGTACCTAAGCAGGCCCTCTCACACAC  
 ACCACAGAGAGAGCCTGGTGTTCAGAGGCCAGGAGGAAGCAGGAAGCCCAAGTTTGGAAATGTGAGCAGC  
 GAGAAAGGACTCAAGAAACCAGGCTGTCCAGGAGAGTAGATTCTCCATTGGAGATCGACCCACCTCTGGG  
 AGAGGATCAGGATGTGGAGGAGGAGGAGGAAGAAGAAGAGGAAGGAAGAGCTGCTCAGTGACGCCAGC  
 CCATGGACCTACAGCTCCTCCCCAGATGACAGTGAACCAGACGTCCTTAGGCCACCTCCGTCCCCTGTTA  
 CGCACACACCTAAGGAGGGAGAGGTCTCGCCAGTACCTGCAACTCTGCCACTCCCTGTGTCTTCTCGC  
 CTCCGTGGGTTCTCCAGATGCTCTGACATCAGATACTGAGGTGCGGCTGGAACCTCAGCAGGACCCCTCAG  
 GTGCCTGCAGAGCTGCACATGACTGAGTCTCTGGAGAGCCCTGGGAGTCAAGGCCAGTCTGCTCCGAATC  
 CGACTTGGGATGAGGATACTGCCAGATTGGGCTCAGGAGAATTAGGAAAGCTGCCAAAAGAGAGCTGAT  
 GCCCTGCGACTTCCCTGGCTGTGGAAGGATCTTCTCAACCGGCAGTATCTGAATCACCACAAGAAGTAC  
 CAGCATATCCACCAGAAGTCGTTCTGCTGCCCTGAGCCAGCTTGTGGGAAGTCTTCAACTTTAAAAAGC  
 ACCTGAAGGAGCATGTGAAACTCCACAGCGATACCAGGGACTACATCTGTGAATTCGTGTCTGATCTTT  
 CCGCACTAGCAGCAACCTTGTCATCCACAGACGAATCCACACAGGAGAGAAACCCCTGCAGTGTGAGATA  
 TGTGGATTACTTGCCGGCAGAAGGCCTCCCTAAACTGGCACCGCAAGCATGCAGAGACAGCAGCTG  
 CCCTGCGATTCCCTGTGAATCTGTGGCAAACGCTTTGAGAAGCCAGACAGTGTGGTAGCTCACTGTAG  
 CAAAAGCCACCCAGCCCTGCTCCAGCACAAGAGCCACCTGGCTCTTTGGTGTCTAGTCCCAGCATTTCT  
 GCCCTGAATCCCTGCAGTCTCTGAGGGGCTAGCATCTCTACCACTTCTGACTCTAATCTGCCTCCT  
 CAACATCCATTTCTCACCTGGGTGCCAGACCCAGGAACAGAGAGAAAAGT

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR230406 representing NM\_001040686  
 Red=Cloning site Green=Tags(s)

MASPVADASRRRREKRRQLDARRSKCRIRLGGHMEQWCLLKERLGFSLHSQLAKFLLDRYTSAGCVLCAA  
 PEPGPRKGLQYL VLLSHTHSREGLVPGLRPGGEGELVWECSAGHTFSWEP SLIPAPSDVPKQAPLTH  
 TTERAWCSEARRKQEAQGLECEQERTQETRLSRRVDSPLIDPPLGEDQDVEEEEEEEEEEEELLSDAS  
 PWTYSSSPDDSEPDVPRPPSPVTHPKKEGEVSPVATLPTPCAVLASVSPDALTSDEVRLELSRTPQ  
 VPAELHMTESLESFSGQAQSAPNPTWEDTAQIGLRRIRKAAKRELMPCDFPGCGRIFSNRQYLNHKKY  
 QHIHQSFCCPEPACGKSFNFKKHLKEHVKLHSDTRDYICEFCARSFRTSSNLVIHRRIHTEKPLQCEI  
 CGFTCRQKASLNWHRKHAETAALRFPCEFCGRFEKPDSSVVAHCSKSHPALPAQEPPGSLVSSPSIS  
 APESLQSPGASISTTSDSNPASSTSISSPGVPDPRNREKS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** NM\_001040686

**ORF Size:** 1593 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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001040686.1](#), [NP\\_001035776.1](#)

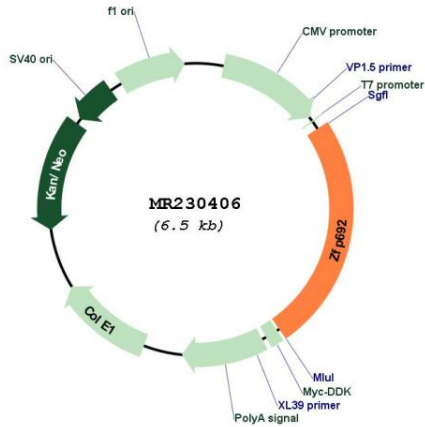
**RefSeq Size:** 1887 bp

**RefSeq ORF:** 1596 bp

**Locus ID:** 103836

UniProt ID: [Q3U381](#)  
 Cytogenetics: 11 B1.3  
 MW: 59 kDa  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR230406