

## Product datasheet for **MG221773**

### **Zfp692 (NM\_182996) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Zfp692 (NM_182996) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zfp692
Synonyms:	AI746306; AI839920; Zfp692-ps; Znf692
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG221773 representing NM\_182996  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGCCTCTCCGGTGGCAGACGCATCCCGCCCGCGGGGAGAAGCGCAGGCAGCTGGACGCGCGCCGCA  
 GCAAGTGGCGCATCCGCTGGGCGGCCACATGGAACAGTGGTGCCTCCTCAAGGAGCGGCTGGGCTTCTC  
 CCTGCACTCGCAGCTCGCAAGTTCTGTGGACCGGTACACTTCTCAGGCTGTGTCTCTGTGCAGCT  
 CCAGAGCCTGGGCTCGGAAGGGTCTGCAGTACCTGGTGTCTGTCTCACACACACAGCCGGAATGCG  
 GCCTAGTGCCCGGCTCCGGGGGCTGGAGGTGGTGAAGGAGAGCTTGTATGGGAGTGTCTGCGGGCCA  
 CACGTTCTCTGGGAACCTCTTTGATTCTGCACCTTCAGATGTACCTAAGCAGGCCCTCTCACACAC  
 ACCACAGAGAGAGCCTGGTGTTCAGATGCCAGGAGGAAGCAGGAAGCCCAAGGTTTGAATGTGAGCAGC  
 GAGAAAGGACTCAAGAAACCAGGCTGTCCAGGAGAGTAGATTCTCCATTGGAGATCGACCCACCTCTGGG  
 AGAGGATCAGGATGTGGAGGAGGAGGAGGAAGAGGAAGAGGAGGAGGAAGAGCTGCTCAGTGACGCCAGC  
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 CGCACACACCTAAGGAGGGCGAGATCTCGCCAGTACCTGCAACTCTGCCACTCCCTGTGTCTTCTCGC  
 CTCCGTGGGTTCTCCAGATGCTCTGACATCAGATACTGAGGTGCGGCTGGAACTCAGCAGGACCCCTCAG  
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 GCCCTGCGACTTCCCTGGCTGTGGAAGGATCTTCTCAACCGGCAGTATCTGAATCACCACAAGAAGTAC  
 CAGCATATCCACCAGAAGTCGTTCTGCTGCCCTGAGCCAGCTTGTGGGAAGTCTTCAACTTTAAAAAGC  
 ACCTGAAGGAGCATGTGAACTCCACAGCAGTACCAGGAGTACATCTGTGAATTCTGTGCTCGATCTTT  
 CCGCACTAGCAGCAACCTTGTATCCACAGACGAATCCACACAGGAGAGAAACCCCTGCAGTGTGAGATA  
 TGTGGATTACTTGGCGCAGAAGGCCTCCCTAACTGGCACCAGCAGCAAGCATGCAGAGACAGCAGCTG  
 CCCTGCGATTCCCTGTGAATTCTGTGGCAAACGCTTTGAGAAGCCAGACAGTGTGGTAGCTCACTGTAG  
 CAAAAGCCACCCAGCCCTGCTCCAGCACAAGAGCCACCTGGCTCTTGGTGTCTAGTCCAGCATTCTCT  
 GCCCTGAATCCCTGCAGTCTCTGAGGGGGCTAGCATCTCTACCACTTCTGACTCTAATCTGCCTCCT  
 CAACATCCATTCTTACCTGGGTGCCAGACCCAGGAACAGAGAGAAAAGT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>MG221773 representing NM\_182996  
 Red=Cloning site Green=Tags(s)

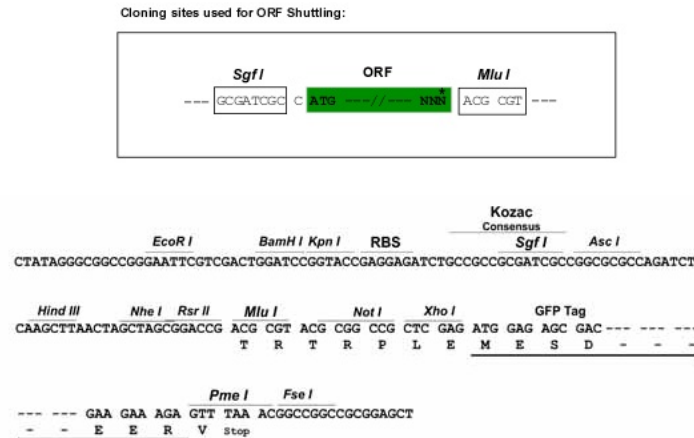
MASPVADASRRRREKRRQLDARRSKCRIRLGGHMEQWCLLKERLGFSLHSQLAKFLLDRYTSAGCVLCAA  
 PEPGPRKGLQYLVLSSHRSREGLVPGLRPGGGEGELVWECSAGHTFSWEPSLIPAPSDVPKQAPLTH  
 TTERAWCSDARRKQEAQGLECEQERTQETRLSRRVDSPLIDPPLGEDQDVEEEEEEEEEEEELLSDAS  
 PWTYSSPDSEPDPVPRPPSPVTHTPKEGEISVPATLPTPCAVLASVGSPPDALTSDEVRLELSRTPQ  
 VPAELHMTESLESPPGSAQSAQSNPTWEDTAQIGLRRIRKAAKRELMPCDFPGCGRIFSNRQYLNHHKKY  
 QHIHQKSFCCPEPACGKSFNFKHLKEHVKLHSDTRDYICEFCARSFRTSSNLVIHRRHITGEKPLQCEI  
 CGFTCRQKASLNWHRKHAETAALRFPCEFCGRFEKPDSSVVAHCSKSHPALPAQEPPGSLVSSPSIS  
 APESLQSPGASISTTSDSNPASSTSISSPGVPDPRNREKS

TRTRPLE – GFP Tag – V

**Restriction Sites:**

SgfI-MluI



**Cloning Scheme:**


**ACCN:** NM\_182996

**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.

**RefSeq:** [NM\\_182996.3](#), [NP\\_892041.2](#)

**RefSeq Size:** 1949 bp

**RefSeq ORF:** 1596 bp

**Locus ID:** 103836

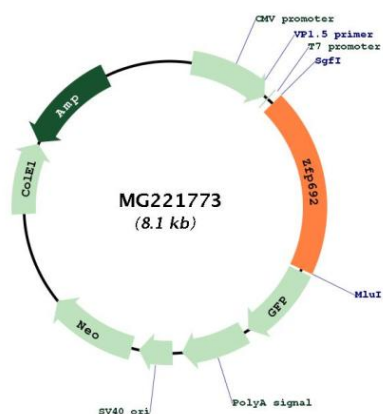
**UniProt ID:** [Q3U381](#)

**Cytogenetics:** 11 B1.3



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

## Product images:



Circular map for MG221773