

Product datasheet for **RG201673**

ZNF691 (NM_015911) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF691 (NM_015911) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF691
Synonyms:	Zfp691
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG201673 representing NM_015911 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAGTGAGAAGGAGCAGAGTCCAGAACCACACCTGCCTGAGGAAGGGGAAGGGGTAAGCCTTGGA
 GAGTGGATGACTCAGAGGGTTCTTGGATCCCACCTGGGGAGAAGGAGCATGGGCAAGAGAGCCTGTCGGA
 TGAAGTCAAGAACTCATCAAAAAAGCCATGGCAGAAAGTCACTGTCCGGGCTCGAGAGCTAGGGGAC
 CCCATTGCTCATCAAGGCATGAGGCAGATGAGAAGCCCTTTATATGTGCCAGTGTGGCAAAACCTTCA
 ATAATACCTCAACCTGAGAACACACCAGCGGATCCACACTGGTGAGAAGCCTTACAAGTGTCTGAATG
 TGGCAAGAGCTTCTCGAGAAGCTCAACCGCATCCGGCAGGAGCGGATCCACCTGGAAGAGAAACACTAC
 AAATGCCCAAGTGCCAGGAGAGCTTTCGGCGGCGCTCAGACCTCACCACGCACCAGCAAGATCACCTAG
 GCAAGCGGCCATACCGCTGTGACATCTGTGGCAAGAGCTTCAGCCAGAGTGCCACGCTAGCTGTGCATCA
 CCGGACCCACCTGGAGCCAGCACCTACATCTGCTGTGAGTGTGGGAAGAGCTTCAGCAACAGCTCCAGC
 TTTGGCGTGCATACCGCACCCACACAGGTGAGAGACCTTATGAGTGCAGTGTGGGCGGACCTTCA
 GCGATATCTCAACTTTGGAGCACACCAGCGGACCCACAGAGGGGAGAAGCCCTACCGGTGCACTGTGTG
 TGGGAAACACTTCTCCCGGAGCTCGAATCTCATCCGCCACCAGAAAACCTCACTTGGGCGAACAGGCTGGG
 AAAGATTCCAGC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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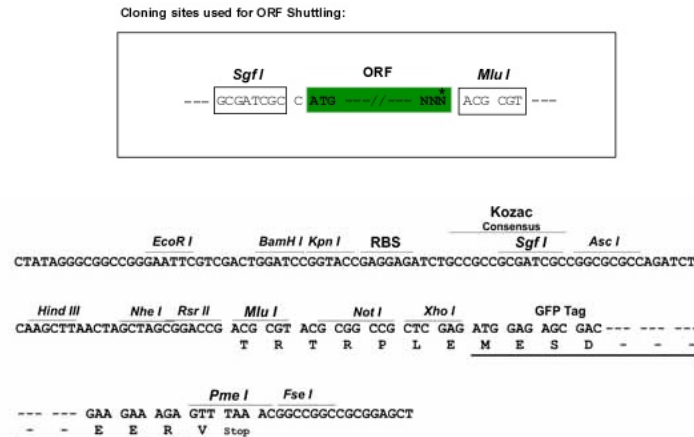
Protein Sequence: >RG201673 representing NM_015911
 Red=Cloning site Green=Tags(s)

MGSEKEQSPEPHLP EEGGGK PWRVDDSEGSWIPPGEKEHGQESLSDELQETHPKKPWQKVTVRARELGD
 PIAHPRHEADEKPFICAQCGKTFNNTSNLRTHQRIHTGEKPYKCSECGKSF SRSSNRIRHERIHLEEKHY
 KCPKCQESFRRSDLTTHQQDHLGKRPYRCDICGKSF SQSATLAVHHRTHLEPAPYICCECGKSF SNSS
 FGVHHRHTHTGERPYECTECGRTFSDISNFGAHQRTHRGEKPYRCTVCGKHFSRSSNLIRHQKTHLGEQAG
 KDSS

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015911

ORF Size: 852 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_015911.3](#)

RefSeq Size: 1591 bp

RefSeq ORF: 855 bp

Locus ID: 51058

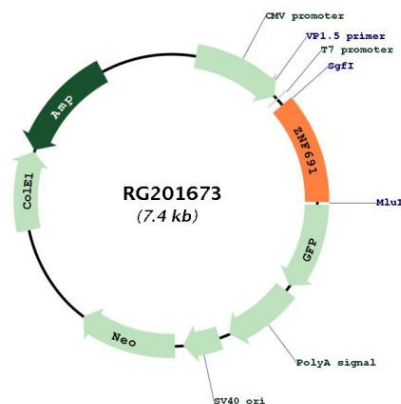
UniProt ID: [Q5VV52](#)

Cytogenetics: 1p34.2

Domains: zf-C2H2

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

Product images:



Circular map for RG201673