

Product datasheet for **RG221291**

ZNF707 (NM_001100599) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF707 (NM_001100599) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF707
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG221291 representing NM_001100599 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACATGGCCAGGAGCCAGTGACCTTCAGGGACGTGGCCATCTACTTCTCAAGGGAGGAGTGGGCGT
GTCTGGAACCCAGCCAGAGGGCCCTCTACCGGGACGTGATGCTGGACAACCTCAGCAGTGTGGCTGCTCT
GGGATTTGCAGCCCCAGACCAGACCTCGTCTCTCGCCTGGAACAGTGGGAGGAGCCGTGGGTTGAAGAC
CGGGAGAGACCTGAGTTCCAGGCAGTGCAGAGGGGACCCCGCCAGGGGCAAGGAAGTCTGCAGACCCCA
AGAGACCTTGATCATCCAGCTTGGGTCACAAGAAAACCCACGTGCGGCGAGAAAGACCCAGGGGAAAG
AAGCAGCTTTAGGAAGGGCTTCAGGCTGGACACGGATGACGGGCAGCTTCCCAGAGCTGCTCCAGAAAGG
ACAGACGCCAAGCCACGGCTTCCCGTGTGAGTGTCTACGCAGCGTTGTGGGCGCGCCGGCCGCA
GAGAGCGCCGGAAGCAGCGCGCAGTAGAGCTGTCAATTCATCTGCGGCACGTGCGGGAAGGCGCTCAGCTG
CCACAGCCGGCTGCTCGCTCACCAGACGGTGCACACGGGAACCAAGGCCTTCGAGTGCCCCGAGTGCAGC
CAGACCTTCCGGTGGGCTTCAAACCTGCAGCGCCACCAGAAGAACCACACGCGGAGAAGCCCTTCTGCT
GCGAGGCTGCGGGCAGGCGTTCAGCCTGAAGGACCGCTGGCTCAGCACCGCAAGGTCCACACCGAGCA
CAGGCCCTACTCGTGTGGCGACTGTGGAAAGCCTTCAAGCAGAAGTCCAACCTTCTCAGACACCGACTG
GTGCACACCGGGAGCGCGTTCCTACTGCGGACTGCGGCAAAGCCTTCCGGACCAAGGAGAACCTCA
GCCACCACAGAGGGTCCACAGCGGGGAGAAGCCCTACACCTGTGCCGAGTGCAGCAAGTCTTCCGGTG
GCCAAGGGCTTCAAGTCCACCGGAGGCTGCACCTGACGAAGAGTTCTACGAGTGCAGGCACTGTGGG
AAAGGCTTCCGTACCTGGGTTCTTACCGCGCATCAGAGGACTCACAGGCACGGGGAGGTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG221291 representing NM_001100599
Red=Cloning site Green=Tags(s)

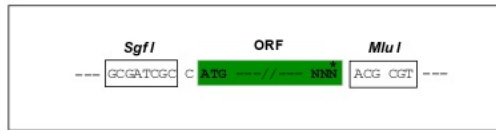
MDMAQEPVTFRDVAIYFSREEWACLEPSQRALYRDVMLDNFSSVAALGFCSPRPDLVSRLEQWEEPWVED
 RERPEFQAVQGRPRPGARKSADPKRPCDHPAWAHKKTHTVRRERAREGSSFRKGFRLDIDDGQLPRAAPER
 TDAKPTAFPCQVLTQRCGRPRGRERRRQRAVELSFCGTCGKALSCHSRLLAHQTVHTGKAFECPECG
 QTFRWASNLQRHQKNHTREKPFCEACGQAFSLKDLAQHRKVHTEHRPYSCGDCKAFKQKSNLLRHQL
 VHTGERPFYCADCGKAFRTKENLSHHQVRVHSGEKPYTCAECGKSFWRPKGFSIHRRLLHLTKRFYECGHCG
 KGFRLHGGFFTRHQTRRHGEV

TRTRPLE - GFP Tag - V

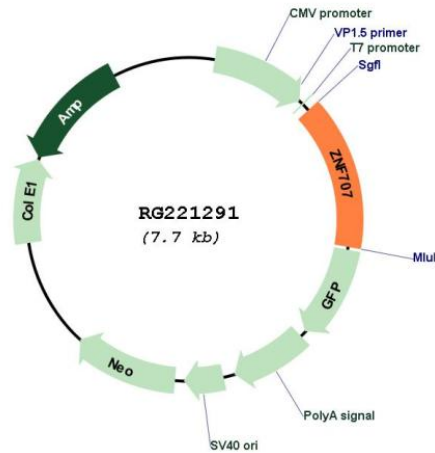
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001100599

ORF Size:	1113 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:	<ol style="list-style-type: none">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_001100599.2
RefSeq Size:	2130 bp
RefSeq ORF:	1116 bp
Locus ID:	286075
UniProt ID:	Q96C28
Cytogenetics:	8q24.3
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]