

## Product datasheet for **RG224715**

### ZNF611 (NM\_030972) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF611 (NM_030972) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF611
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RG224715 representing NM\_030972  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGTTACGTGAGGAAGCAGCTCAGAAGAGGAAAGGAAAGGAGCCAGGCATGGCTCTTCTCAGGGACGCT  
TGACTTTCCGGGATGTGGCTATAGAATTCATTGGCAGAGTGGAAATGCCTGAACCTTACAGAGGGC  
TTTGTACAGGGAAGTGATGTTGGAGAACTACAGGAACCTGGAGGCTGTGGATATCTCTTCCAAATGCATG  
ATGAAGGAGGTCTTGTAACAGGGCAAGGCAATACAGAAGTGATCCACACAGGGACATTGCAAAGACATG  
AAAGTCATCACATTGGAGATTTTGTCTCCAGGAAATTGAGAAAGAAATTCATGACATTGAGTTTCAGTG  
TCAAGAAGATGAAAGAAATGGCCTTGAAGCACCCATGACAAAAATAAAAAAGTTGACTGGTAGCACAGAC  
CAACATGATCACAGGCATGCTGGAAACAAGCCTATTAAGATCAGCTTGGATCAAGCTTTTATTCACATC  
TGCTGAACTCCACATATTTAGATCAAAGGTGAAATTTGGTAATCAACTTGAGAAGTCTACTAATGATGC  
TCCCTCAGTTTCAACATTCCAAAGAATTTCTGTAGGCCCAAACCCAGATTTCTAATAACTATGGGAAT  
AATCCCTGAATTCCTTACTCCACAAAAACAGGAAGTACACATGAGAGAAAAATCTTCCAAATGTA  
ATAAGAGTGGCAAAGCCTTAATTGTAGCTCACTTAAGGAAACACCAGATACCCCATTTAGGAGACAA  
ACAATATAAATGTGATGTATGTGGCAAGCTTTAATCACGAGCAATACCTTGCATGCCATGATAGATGT  
CACACTGTTGAGAAACCTTACAAGTGTAAAGAGTGTGGCAAGACCTTCAGTCAGGAGTCATCCCTTACCT  
GCCATCGTAGACTTCATACTGGAGTAAAACGTTACAATTTGTAATGAGTGTGGCAAGATCTTTGGTCAAAA  
TTCAGCCCTTCTAATTGATAAGGCAATTGATACTGGAGAAAAATCCTTACAAGTGAATGAATGTGACAAG  
GCTTTTAAATCAACAATCACAACCTTTCACATCATAGAATTCATACTGGAGAGAAACCTTACAAATGTGAAG  
AATGTGACAAAGTTTTTCAGTCGGAATCAACCATTGAGACACATAAGAGAATTCATACTGGAGAGAAACC  
ATACAGATGTAAGGTTTGTGACACAGCTTTCACGTGGCATTACAGCTGGCTCGACATAGAAGAATTCAT  
ACTGCAAAGAAAACCTTATAAATGTAATGAGTGTGGCAAGACCTTCAGTCACAAGTCATCCCTTGTATGCC  
ATCATAGACTTCATGGTGGAGAGAAATCTTACAAATGTAAGGTTTGTGACAAGGCTTTTGTGTGGAGTTC  
ACAACCTGGCAAAACATACTAGAATTGACTGTGGAGAAAAACCTTACAAGTGAATGAATGTGGGAAGACC  
TTTGGTCAAAATTCAGATCTTTAATTCATAAGTCAATTCATACTGGGGAGCAACCTTACAAATGTGATG  
AATGTGAAAAGGTTTTTCAGTCGTAATCAAGCCTTGGAGACACATAAGATAGGTTCATACTGGAGAGAAACC  
ATACAAATGTAAGGTTTGTGACAAGGCTTTTGCCTGTCATTCTATCTGGCAAAACATACTAGAATTCAT  
AGTGGAGAGAAACCTTACAAGTGAATGAGTGCAGCAAGACCTTCAGTCACAGGTCATACCTTGTATGCC  
ATCATAGAGTTTCATAGTGGTGGAGAAACCTTACAAGTGAATGAGTGCAGCAAGACCTTCAGTCGAGGTC  
ATCCCTTCATTGCCATCGTAGACTTCATAGTGGTGGAGAAACCTTACAAGTGAATGAGTGTGGCAATACC  
TTCCGTCACTGCTCATCCCTTATATACCATCGTAGACTTCATACTGGAGAGAAATCTTACAAATGTACAA  
TTTGTGACAAGGCTTTTCGTGCGTAATCACTCCTGTCAAGACATAACCAGAATTCACACTGCAGAGAAACC  
TTACAAGTGAATGAATGTGGGAAGGCTTTTAAATCAACAATCACACCTTTCACGTCATCATAGAATTCAT  
ACTGGAGAGAAACCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG224715 representing NM\_030972  
 Red=Cloning site Green=Tags(s)

MLREEAQKRKGKEPGMALPQGRLTFRDVAIEFSLAEWKCLNPSQRALYREVMLENYRNLEAVDISSKCM  
 MKEVLSTGGNTEVIHTGTLQRHESHGIDFCFQEIIEKEIHDIEFQCQEDERNLEAPMTKIKKLTGSTD  
 QHDHRHAGNKPIKDQLGSSFYSHLPELHIFQIKGEIGNQLEKSTNDAPSVSTFQRI SCRPTQISNNYGN  
 NPLNSSLLPQKQEVHMREKSFQCNSGKAFNCSSLLRKHQIPHLGDKQYKCDVCGKLFNHEQYLACHDRC  
 HTVEKPYKCKEKGKTFSEQSSLTCHRRLLHTGVKRYNCNECGKIFGQNSALLIDKAIDTGENPYKCNECDK  
 AFNQSSQLSHHRIHTGEKPYKCECDKVF SRKSTIETHKRIHTGEKPYRCKVCDTAFTWHSQARHRIH  
 TAKKTYKCNECGKTF SHKSSLVCHHRLHGGEKSYCKVCDKAFVWSSQLAKHTRIDCGEKPYKCNECGKT  
 FGQNSDLLIHKSIHTGEQPYKCECEKVF SRKSSLETHKIGHTGEKPYCKVCDKAFACHSYLAKHTRIH  
 SGEKPYKCNECSKTF SHRSYL VCHHRVHSGEKPYKCNECSKTF SRSSLLHCHRRLSGEEKPYKCNECGNT  
 FRHCSSLIYHRRLLHTGEKSYKCTICDKAFVRNSLLSRHTRIHTAEKPYKCNECGKAFNQSHLSRHRIH  
 TGEKP

TRTRPLE - GFP Tag - V

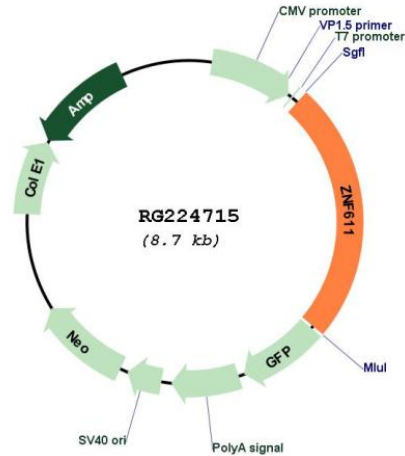
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



## Plasmid Map:



ACCN: NM\_030972

ORF Size: 2115 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\\_030972.3](#), [NP\\_112234.3](#)

RefSeq Size: 4559 bp

RefSeq ORF:	2118 bp
Locus ID:	81856
UniProt ID:	<u><a href="#">Q8N823</a></u>
Cytogenetics:	19q13.41
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]