

## Product datasheet for **RG228908**

### ZNF610 (NM\_001161425) Human Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: ZNF610 (NM\_001161425) Human Tagged ORF Clone  
 Tag: TurboGFP  
 Symbol: ZNF610  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-AC-GFP (PS100010)  
 E. coli Selection: Ampicillin (100 ug/mL)  
 ORF Nucleotide Sequence: >RG228908 representing NM\_001161425  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCTATGTGATGAAGAAGCCCAGAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCTCAGGGACGCT  
 TGACATTCATGGACGTGGCCATCGAATTCTCTCAGGAGGAGTGGAAATCCCTGGACCCTGGACAGAGGGC  
 TTTATACAGGGACGTGATGTTGGAGAATACAGGAACCTGGTCTTCTGGGAATCTGTCTTCTGACCTA  
 AGTATTATTTCCATGTTGAAGCAAAGGAGAGAGCCCTTGATTCTGCAAAGTCAAGTAAAAATAGTAAAA  
 ATACAGATGGAAGGGAATGTGTCAAGCGTGAACACAGGGAGGAGCTGTGATTGGGAAGCAATGCAGA  
 AAACAAGCCTATTAATAAATCAACTTGGATTAACCTTGAGTCACATCTGTCTGAATTGCAGCTGTTTCAA  
 GCCGGAAGGAAAATTTACAGAAGTAATCAAGTTGAAAAGTTTACAAACCATCGTTCCTCAGTTTCACCAC  
 TTCAAAAAATTTCTTCTAGTTTCACAACACACATTTTTAATAAATATAGAAATGATCTTATTGATTTCCC  
 ATTACTCCACAAGAAGAGAAAGCATACATTAGAGGAAAATCTTATGAATATGAATGTAGTGAAGATGGT  
 GAAGTTTTTAGAGTCCCTGCAAGCCTTACTAACCATCAAGTAATCCATACCGCAGAGAAACCTTACAAAT  
 GACTGAATGTGGCAAGGTCTTCAGTCGCAATTCACACCTGTAGAACATTGGAGAATTCATACTGGACA  
 GAAGCCTTACAAATGTAGTGAATGTGACAAGGTGTTAATCGCAATTCAAACCTTGCACGACATCAAAGA  
 ATTCATACTGGAGAGAAGCCTCACAATGTAACGAATGTGGCAAAGCTTTTAGAGAGTGTTCAGGACTTA  
 CTACCCATCTTGTAAATCCATACTGGAGAGAAACCTTACAAATGTAATGAGTGTGGCAAGAATTCAGGCA  
 CAAATTTTCTCTAACCAATCATCAGAGAAGTCACACGGCGGAAAAACCTTACAAATGTAATGAATGTGGC  
 AAGGTCTTTAGTCTGCTTTCATACCTTGCACGGCATCAAATAATTCATAGTACAGAGAAGCCCTACAAAT  
 GTAACGAATGTGGAAGAGCATTTACAAGCGTCCGGGCCCTTATGGCCATCTTCTAATCCATACTGGAGA  
 GAAACCTTACAAATGTAATGAATGTGACAAGTCTTTGGGCGCAAATTATACCTAACCAACCATCAGAGA  
 ATTCATACTGGAGAGAGACCTTACAAGTGAATGCATGTGGCAAGGTCTTCAATCAAATCCACACCTTT  
 CACGACATCGGAAAATTCATGCTGGAGAGAATTCCTGCTACCTTACAGATGGAA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



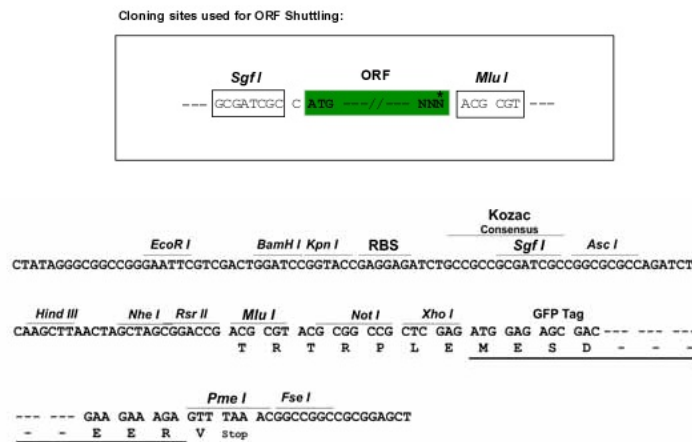
**Protein Sequence:** >RG228908 representing NM\_001161425  
 Red=Cloning site Green=Tags(s)

MLCDEEAQKRKAKESGMALPQGRLTFMDVAIEFSQEEWKSLDPGQRALYRDVMLENYRNLVFLGICLPDL  
 SIIISMLKQRREPLILQSQVKIVKNTDGRECVRSVNTGRSCVLGSAENKPIKNQLGLTLESHLSELQLFQ  
 AGRKIYRSNQVEKFTNHRSSVSPLQKISSSFTTHIFNKYRNDLIDFPLLPQEEKAYIRGKSYEYECSEDG  
 EVFRVPASLTNHQVIHTAEKPYKCTECGKVF SRNSHLVEHWRIHTGQKPYKCECDKVFNRNSNLARHQR  
 IHTGEKPHKCNECGKAFRECSGLTTHLVIHTGEKPYKNECGKNFRHKFSLTNHQRSHTAEKPYKNECG  
 KVFSLLSYLARHQI IHSTEKPYKNECGRAFHKRPGLMAHLLIHTGEKPYKNECDKVFGRKLYLTNHQR  
 IHTGERPYKNECGKVFNQPHLSRHRKIHAGENSLRTLQME

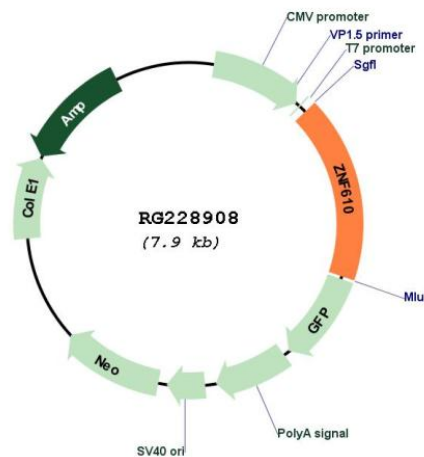
TRTRPLE – GFP Tag – V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



ACCN:	NM_001161425
ORF Size:	1386 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. <a href="#">More info</a>
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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_001161425.1</a> , <a href="#">NP_001154897.1</a>
RefSeq Size:	2272 bp
RefSeq ORF:	1389 bp
Locus ID:	162963
UniProt ID:	<a href="#">Q8N9Z0</a>
Cytogenetics:	19q13.41
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]