

Product datasheet for **RG228909**

ZNF610 (NM_001161426) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: ZNF610 (NM_001161426) 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: >RG228909 representing NM_001161426
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTATGTGATGAAGAAGCCCAGAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCTCAGGGACGCT
 TGACATTCATGGACGTGGCCATCGAATTCTCTCAGGAGGAGTGGAAATCCCTGGACCCTGGACAGAGGGC
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 GAAACCTTACAAATGTAATGAATGTGACAAGTCTTTGGGCGCAAATTATACCTAACCAACCATCAGAGA
 ATTCATACTGGAGAGAGACCTTACAAGTGAATGCATGTGGCAAGGTCTTCAATCAAATCCACACCTTT
 CACGACATCGGAAAATTCATGCTGGAGAGAATTCAGTACCTTACAGATGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



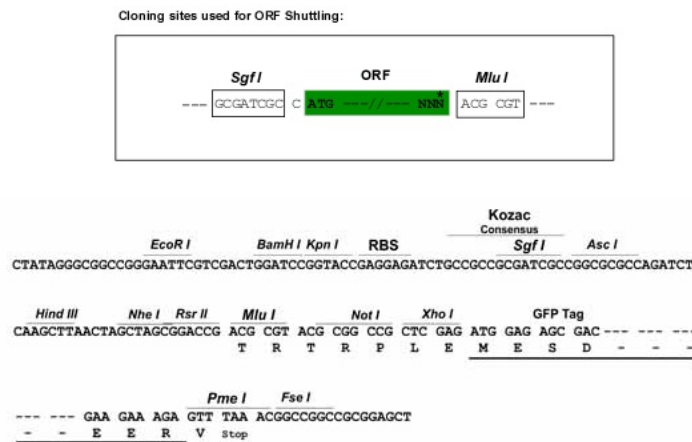
Protein Sequence: >RG228909 representing NM_001161426
 Red=Cloning site Green=Tags(s)

MLCDEEAQKRKAKESGMALPQGRITFMDVAIEFSQEEWKSLDPGQRALYRDVMLENYRNLVFLGICLPDL
 SIIISMLKQRREPLILQSQVKIVKNTDGRECVRSVNTGRSCVLGSAENKPIKNQLGLTLESHLSELQLFQ
 AGRKIYRSNQVEKFTNHRSSVSPLQKISSSFTTHIFNKYRNDLIDFPLLPQEEKAYIRGKSYEYECSEDG
 EVFRVPASLTNHQVIHTAEKPYKCTECGKVF SRNSHLVEHWRIHTGQKPYKCECDKVFNRNSNLARHQ
 IHTGEKPHKCNECGKAFRECSGLTTHLVIHTGEKPYKNECGKNFRHKFSLTNHQRSHTAEKPYKNECG
 KVFSLLSYLARHQIHTHSTKPYKNECGRAFHKRPGLMAHLLIHTGEKPYKNECDKVFGRKLYLTNHQR
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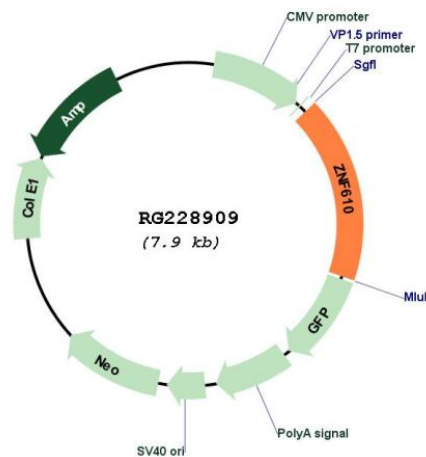
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001161426
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. 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_001161426.1 , NP_001154898.1
RefSeq Size:	2159 bp
RefSeq ORF:	1389 bp
Locus ID:	162963
UniProt ID:	Q8N9Z0
Cytogenetics:	19q13.41
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]