

Product datasheet for **RG228887**

ZNF610 (NM_001161427) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF610 (NM_001161427) 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:	>RG228887 representing NM_001161427 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTATGTGATGAAGAAGCCAGAAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCTCAGGGACGCT
TGACATTCATGGATGTGGCCATCGAATCTCTCAGGAGGAGTGGAAATCCCTGGACCCTGGACAGAGGGC
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CATACTGGAGAGAAACCTTACAAATGTAATGAATGTGACAAAGTCTTTGGGCGCAAATTATACCTAACCA
ACCATCAGAGAATTCATACTGGAGAGAGACCTTACAAGTGAATGCATGTGGCAAGGTCTTCAATCAAAA
TCCACACCTTTCACGACATCGGAAAATTCATGCTGGAGAGAATTCACCTGCGTACCTTACAGATGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG228887 representing NM_001161427
 Red=Cloning site Green=Tags(s)

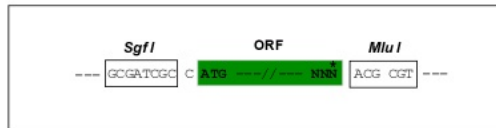
MLCDEEAQKRKAKESGMALPQGRLLTFMDVAIEFSQEEWKSLDPGQRALYRDVMLENYRNLVFLGRSCVLG
 SNAENKPIKNQLGLTLESHLSELQLFQAGRKIYRSNQVEKFTNHRSSVSPLQKISSSFTTHIFNKYRNDL
 IDFPLLPQEEKAYIRGKSYEYECSEDEGEVFRVPASLTNHQVIHTAEKPYKCTECGKVF SRNSHLVEHWRI
 HTGQKPYKCECDKVFNRNSNLARHQRIHTGEKPHKCNCEGKAFRECSGLTTHLVIHTGEKPYKCNCEGK
 NFRHKFSLTNHQRSHTAEKPYKCNCEGKVFSLLSYLARHQIHTHSTKPYKCNCEGRAFHKRPLMAHLLI
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TRTRPLE - GFP Tag - V

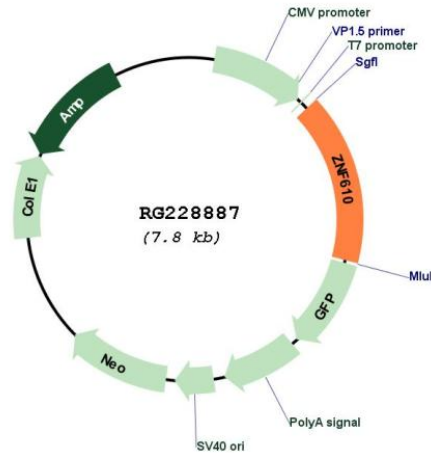
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001161427

ORF Size:	1257 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_001161427.1 , NP_001154899.1
RefSeq Size:	2143 bp
RefSeq ORF:	1260 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]