

Product datasheet for **RC22887**

ZNF610 (NM_001161427) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF610 (NM_001161427) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF610
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC22887 representing NM_001161427 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTATGTGATGAAGAAGCCAGAAGAGGAAAGCAAAGGAGTCAGGGATGGCTCTTCCTCAGGGACGCT
TGACATTCATGGATGTGGCCATCGAATTCCTCAGGAGGAGTGAAATCCCTGGACCCTGGACAGAGGGC
TTTATACAGGGACGTGATGTTGGAGAACTACAGGAACCTGGTCTTCTGGGGAGGAGCTGTATTGGGA
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GACATCAAAGAATTCATACTGGAGAGAAGCCTCACAATGTAACGAATGTGGCAAAGCTTTAGAGAGTG
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AACTTCAGGCACAAATTTCTCTAACCAATCATCAGAGAAGTCACACGGCGGAAAAACCTTACAAATGTA
ATGAATGTGGCAAGGTCTTTAGTCTGCTTTCATACCTTGACGGCATCAAATAATTCATAGTACAGAGAA
GCCCTACAAATGTAAACGAATGTGGAAGAGCATTTCACAAGCGTCCGGCCTTATGGCCATCTTCTAATC
CATACTGGAGAGAAACCTTACAAATGTAATGAATGTGACAAGTCTTTGGGCGCAAATTATACCTAACCA
ACCATCAGAGAATTCATACTGGAGAGAGACCTTACAAGTGAATGCATGTGGCAAGGTCTTCAATCAAAA
TCCACACCTTTCACGACATCGGAAAATTCATGCTGGAGAGAATTCACTGCGTACCTTACAGATGGAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC228887 representing NM_001161427
 Red=Cloning site Green=Tags(s)

MLCDEEAQKRKAKESGMALPQGRLTFMDVAIEFSQEEWKSLDPGQRALYRDVMLENYRNLVFLGRSCVLG
 SNAENKPIKNQLGLTLESHLSELQLFQAGRKIYRSNQVEKFTNHRSSVSPLQKISSFTTHIFNKYRNDL
 IDFPLLPQEEKAYIRGKSYEYECSEDEGEVFRVPASLTNHQVIHTAEKPYKCTECGKVF SRNSHLVEHWRI
 HTGQKPYKCSECDKVFNRNSNLARHQRIHTGEKPHKCNCECGKAFRECSGLTTHLVIHTGEKPYKCNECGK
 NFRHKFSLTNHQRSHTAEKPYKCNECGKVFSLLSYLARHQIHTHSTKPYKCNECGRAFHKRPGLMAHLLI
 HTGEKPYKCNECDKVFGRKLYLTNHQRIHTGERPYKCNACGKVFNQPHLSRHRKIHAGENSLRTLQME

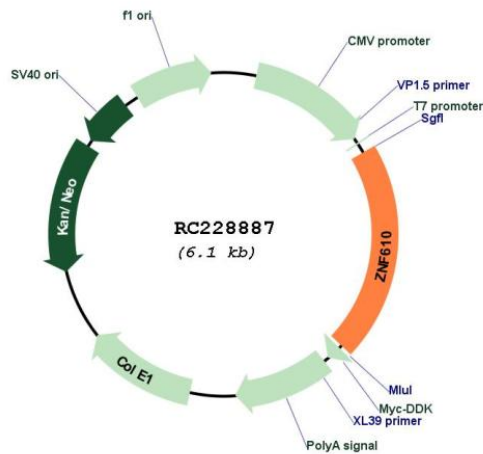
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



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 ORF:	1260 bp
Locus ID:	162963
UniProt ID:	Q8N9Z0
Cytogenetics:	19q13.41
Protein Families:	Transcription Factors
MW:	48.5 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]