

Product datasheet for **RG218609**

ZNF710 (NM_198526) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF710
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence: >RG218609 representing NM_198526
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGGCTTCATGGACTCAGGGACACAGACGGACGCCGTGGTGGTGTCTCCTTGGCTCAGGCCGCCG
 TGCTTGGCCTGGTCTCCGAAAATGAGCTCTTTGGAGCTACCATAAGCGCCGAGGCCCTTCTACCCGGACCT
 GGGGCCGAGCTTTTCAGGGGACGCCATGGAGAGCCCCGAGCCACAGGCCCCGACGTCTACAGCTGGCC
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 TTAATCTCAAGGGCAACCTGAGCCGGCAGCATGAAGGTCAAGCATGGCGTCATGGACATCGGCTGGACAG
 CCAAGACCCCATGATGGAGTGCAGGCACTGACCTTTCAGAGCTCGACGCCAGCAGGAGATGGAGGAC
 TTCGAGGAGAACGCTACAGCTATGCGAGCGTGGACAGCAGCGCCGAGGCCAGTGTCTCACTGAACAGG
 CCATGAAAGAGATGGCCTACTACAACGTGCTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

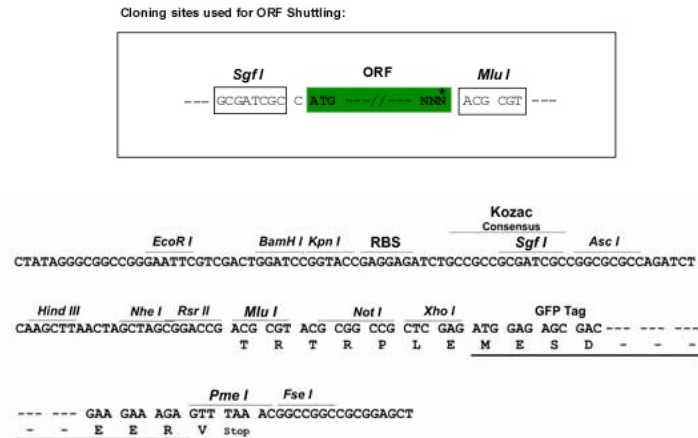
Protein Sequence: >RG218609 representing NM_198526
 Red=Cloning site Green=Tags(s)

MEGFMDSGTQTDVAVVLSLAQAVALGLVSENELFGATISAEAFYDLPGLSGAAMGEPEPPGPDVYQLA
 CNGRALEEPAAEEVLEVEAAACEKHTRKTRPPVRLVPKVKFEKVEEEEQEVYEVSVPGDDKDAGPAEAPA
 EAASGGCDALVQSSAVKMIDL SAFSRKPRTL RHLPRTPRPELNVAPYDPHFPAPARDGFPEPSMALPGPE
 ALPTECGFEPPLAPLSDPEAPSMESPEPVKPEQGFVWQEA SEFEADTAGSTVERHKKQLDRLDINVQI
 DDSYLVEAGDRQKRWQCRMCEKSYTSKYNLVTHILGHNGIKPHSCPHCSKLFKQPSHLQTHLLTHQGTRP
 HKCQVCHKAFTQTSHLKRHMLLHSEVKPYSCHFCGRGFAYPSELKAHEVKHESGRCHVCVEGLDFSTLT
 QLKRLASHQGPTLYQCLECDKSFHYRSQLQNHMLKHQNVPRFVCTECGMEFSQIHHLKQHS LTHKGVKE
 FKCEVCGREFTLQANMKRHLIHTSVRPYQCHICFKTFVQKQTLKTHMIVHSPVKPFCKVKCSFNRM
 NLLGHMHLHAGSKPFKCPYCSSKFNKGNLSRHMVKHGVMDIGLDSQDPMELTGTDPSELGGQEMED
 FEENAYSASVDSSAEASVLTEQAMKEMAYNNVL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_198526

ORF Size: 1992 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.

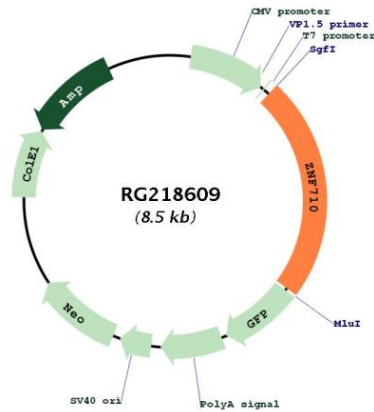
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_198526.1](#), [NP_940928.1](#)

RefSeq Size: 3082 bp

RefSeq ORF:	1995 bp
Locus ID:	374655
UniProt ID:	Q8NIW2
Cytogenetics:	15q26.1
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG218609