

## Product datasheet for **RC218609**

### ZNF710 (NM\_198526) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF710 (NM_198526) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF710
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide  
Sequence:

>RC218609 representing NM\_198526  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGGGCTTCATGGACTCAGGGACACAGACGGACGCCGTGGTGGTGTCTCCTTGGCTCAGGCCGCCG  
TGCTTGGCCTGGTCTCCGAAAATGAGCTCTTGGAGCTACCATAAGCGCCGAGGCCCTTACCCGGACCT  
GGGGCCCGAGCTTTCAGGGGCAGCCATGGGAGAGCCCGAGCCACCAAGGCCCGACGTCTACCAGCTGGCC  
TGCAACGGGAGGGCCTTGGAGGAGCCGGCGGAGGAGGAGGTGCTGGAGGTGGAGGCAGCCTGTGAGAAGC  
ACACCCGGCGGAAGACGCGGCCACCTGTGCGGTTGGTGCCCAAGGTCAAGTTCGAGAAGGTGGAGGAGGA  
GGAACAGGAGGTCTATGAGGTTTCTGTGCCAGGTGACGACAAGGACGCAGGGCCAGCAGAAGCCCCCGCC  
GAGGCGGCCAGTGGCGGCTGCGACGCCCTGGTGCAGAGCAGCGCCGTCAAGATGATCGACCTCAGCGCCT  
TCAGCCGAAGCCCCGGACGCTCCGGCATCTGCCCGAACCCCGAGGCCGGAGCTGAACGTGGCCCCATA  
TGACCCTCACTTCCCGGCCCGGCCGGGATGGCTTCCCGAGCCAGCATGGCGCTGCCGGGCCAGAG  
GCCTTGCCACAGAGTGTGGGTTTCGAGCCACCCACCTGGCCCCCTGAGTGACCCCGAGGCCCCAGCA  
TGGAGTCCCCGGAGCCTGTCAAGCCGGAACAGGGCTTCGTGTGGCAGGAGGCCAGTGAGTTCGAGGCTGA  
CACGGCGGTTTCGACCGTGAACGCCACAAGAAGGCCAGCTGGATCGGCTGGACATCAACGTGCAGATT  
GACGACTCCTATCTGGTGGAGGCGGGCGACCGCCAGAAGCGCTGGCAGTGCCGCATGTGCGAGAAGTCTCT  
ACACGTCCAAGTACAACCTGGTACGCACATCCTGGGCCACAACGGCATCAAGCCACACTCGTGCCACA  
CTGCAGCAAGCTTTCAAGCAGCCAGCCACCTGCAGACGCACCTGCTGACGCACCAGGGCACCCGGCCC  
CACAAGTGCCAGGTATGCCACAAGGCCCTCACGCAGACCAGCCACCTCAAGCGCCACATGCTGCTGCACT  
CGGAGGTCAAGCCCTACAGCTGCCACTTCTGCGGCCGGGCTTCGCCTACCCAGCGAGCTCAAGGCCCA  
CGAAGTGAAGCATGAGAGTGGCCGCTGCCATGTCTGCGTTCGAGTGGCGCCCTGGACTTCTCCACCCTGACC  
CAGCTCAAGCGCCACCTGGCCTCCACCAAGGGCCCCACCCTCTACCAGTGCCTCGAGTGTGACAAGTCTCT  
TCCACTACCGCAGCCAGTTGCAGAACACATGCTCAAGCACCAGAACGTGCGACCCCTTCGTGTGCACTGA  
ATGCGGCATGGAGTTCAGCCAGATTCACCACCTCAAGCAGCACTCCCTCACCCACAAGGGCGTGAAGGAG  
TTCAAGTGGCAGGTGTGTGGCCGGGAGTTCACCCTACAGGCGAACATGAAGCGGCACATGCTGATCCACA  
CCAGCGTCCGGCCCTACCAGTGCCACATCTGCTTCAAGACCTTTGTACAGAAGCAGACTCTCAAGACCCA  
CATGATTGTACACTCGCCCGTGAAGCCATTCAAATGCAAGGTGTGCGGGAAGTCTTCAACCGCATGTAC  
AACCTGTGGGCCACATGCACCTGCACGCCGCGCAGCAAGCCCTTCAAGTGGCCCTACTGCTCCAGCAAGT  
TTAATCTCAAGGGCAACCTGAGCCGGCACATGAAGGTCAAGCATGGCGTCAATGGACATCGGCCTGGACAG  
CCAAGACCCCATGATGGAGCTGACAGGCACTGACCCTTCAAGACTCGACGGCCAGCAGGAGATGGAGGAC  
TTCGAGGAGAAGCCCTACAGCTATGCGAGCGTGGACAGCAGCGCCGAGGCCAGTGTCTCTACTGAACAGG  
CCATGAAAGAGATGGCCTACTACAATGTGCTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC218609 representing NM\_198526  
Red=Cloning site Green=Tags(s)

MEGFMDSGTQTDVAVVLSLAQAAVLGLVSENELFGATISAEAFYDLPGLSGAAMGEPEPPGPDVYQLA  
 CNGRALEEPAEEVELEVAACEKHTRRKRTRPPVRLVPKVKFEKVEEEQEVVEVSVPGDDKDAGPAEAPA  
 EAASGGCDALVQSSAVKMIDLSAFSRKPRTLRLPRTPRPELNVAPYDPHFAPARDGFPEPSMALPGPE  
 ALPTECGFEPHLAPLSDPEAPSMESPEPVKPEQGFVWQEASEFEADTAGSTVERHKKQLDRLDINVQI  
 DDSYLVEAGDRQKRWQCRMCEKSYTSKYNLVTHILGHNIGKPHSCPHCSKLFKQPSHLQTHLLTHQGTRP  
 HKCQVCHKAFTQTSHLKRHMLLHSEVKPYSCHFCGRGFAYPSELKAHEVKHESGRCHVCVECGLDFSTLT  
 QLKRHLASHQGPTLYQCLECDKSFHYRSLQNHLKHQNVRFVCTECGMEFSQIHHLKQHSLTHKGVKE  
 FKCEVCGREFTLQANMKRHMLIHTSVRPYQCHICFKTFVQKQTLKTHMIVHSPVKPFCKVCCKSFNRM  
 NLLGHMHLHAGSKPFKCPYCSSKFNKGNLSRHMVKVKGVMIDIGLDSQDPMMELTGTDPSELGQQEMED  
 FEENAYSASVDSAEASVLTEQAMKEMAYYNVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mg2919\\_e11.zip](https://cdn.origene.com/chromatograms/mg2919_e11.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_198526

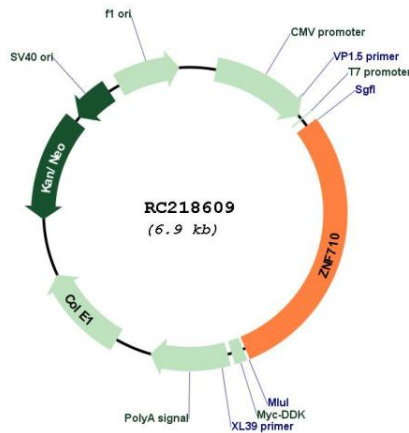
**ORF Size:** 1992 bp

**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](#)

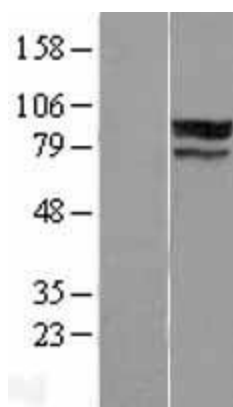
**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

- 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.
- RefSeq:** [NM\\_198526.4](#)
- RefSeq Size:** 3082 bp
- RefSeq ORF:** 1995 bp
- Locus ID:** 374655
- UniProt ID:** [Q8N1W2](#)
- Cytogenetics:** 15q26.1
- MW:** 74.3 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC218609



Western blot validation of overexpression lysate (Cat# [LY404867]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC218609 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).