

Product datasheet for **MR209402**

Zfp710 (NM_001145999) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	Zfp710
Synonyms:	5430400N05Rik; 9830165K13; AI324798; Znf710
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >MR209402 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGGAGCCAGGACCGCCAGGGCCGACATCTATCAGCTGGCCTGTATGGACGAGCCCTGGAAGAGC
 CCCCAGAGAGGAGGTGCTGGAGGTAGAGGCGGCTTTGAGAAGCACACGCGAGGAAGACACGGCCCCC
 TGTGAGGCTGGTACCAAGGTCAAGTTTGAAGGAGGAAGAGGAACAGGAGGTGTATGAGGTG
 TCTGTGCTGGTGATGACAAAGACCGGGCCCTGCAGAGGCCCCAGCCGAGGTGGCCAGCAGCGGCTGCG
 AGGCCCTGGTGACAGCAGTGGCGTCAAGATGATCGACCTCAGCGCCTTCAGCCGCAAGCCCCGGACACT
 CCGGCACCTTGCCGAGAACTCCAAGGCCAGAGCTGGACATGGCCCCATTGATCCTCTTCCAGATCCA
 GCCCGGGATGGCTTCCCGAGCCAGCATGGCACTACCTGGACCAGAGACTTTGCCCACTGAATGTAGTT
 TTGAGCGCCCCACCTGGCCCCATTGAGCAATCCTGAGCCTCCCAACATGACATCGACGACAGAAGTCTG
 CAAACCAGAGCAGGGCTTCGTGTGGCAGGAGTCCAGCGAGTTCGAGGCTGACACGGCGGGTTCACAGTG
 GAGCGCCACAAGAGGACAGCTGGACCGGCTGGACATCAATGTGCAGATCGATGACTCCTACCTAGTGG
 AGGCGGGTGACCGCCAGAAACGCTGGCAGTGTGCGATGTGCGAGAAGTCTACACATCTAAGTATAACCT
 CGTGACGCACATCCTGGGCCACAACGGCATCAAGCCACACTCGTGTCCCCATGCAGCAAGCTCTTCAAG
 CAGCCTAGCCACCTGCAGACGACCTGTGACACACAGGGCAGAGGCCCAAGTGCCAGGTGTGCC
 ACAAGGCCTTCACTCAGACCAGCCACCTCAAACGCCACATGCTGCTGCACTCGGAGGTGAAGCCCTACAG
 CTGTCACTTCTGTGGCCGCGGCTTCGCTACCTAGCGAGCTCAAGGCCCATGAGGTGAAGCAGCAGAGT
 GGCCGCTGCCATGTCTGTGCGAATGCGGCTAGACTTCTCCACCCTGACCCAGCTCAAGCGCCACCTGG
 CCTCCACAGGGCCCCACCTCTACAGTGCCTTGAGTGTGACAAGTCTTCCACTACCGCAGCCAGCT
 ACAAACACATGCTCAAGCATCAGAATGTGCGGCCCTTCGTGTGCACTGAGTGTGGCATGGAGTTCAGC
 CAGATCCATCACCTCAAGCAGCACTCTCTACCCACAAGGGTGTGAAGGAGTTCAGTGTGAGGTCTGTG
 GCCGGGAGTTCACGCTGCAGGCCAACATGAAGGCCACATGCTGATCCACACAGCGTCCGGCCCTACCA
 GTGCCACATCTGCTTCAAGACCTTCGTGCAGAAGCAACCTCAAGACCCACATGATTGTGCACTCGCT
 GTGAAGCCGTTCAAGTGCAAGGTGTGCGGGAAGTCTTCAACCGCATGTACAACCTGCTGGGTCAATGC
 ACCTGCACGACGAGCAGCAAGCCATTCAAGTGCCCGTACTGCTCCAGCAAGTTCAACCTCAAGGGAACCT
 GAGCCGGCAGATGAAGGTCAAGCACGGCGTATGGACATCAGCCTGGACAGCCAAGACCCCATGATGGAG
 CTGGCAGGCCCTGACCCCTCTGAATTGACAACCATCAGGAGATGGAGGACTTCAGGAAAAACGCTACA
 CCTACAGCAGTGTGGACAGCAGCGGAGGCCAGCACCTCACTGAGCAGGCCATGAAAGAGATGGCCTA
 CTACAATGTGCTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence: >MR209402 protein sequence
 Red=Cloning site Green=Tags(s)

MGEPPGPPDIYQLACNGRALEEPPEEEVLEVEAAFEKHTRKTRPPVRLVPKVKFEKAEEEEEQEYVEV
 SVPGDDKDPGPAEAPAEVASSGCEALVQSSAVKIDLSAFSRKPRTLRLPRTPRPELDMAPFDPFPDP
 ARDGFPEPSMALPGPETLPTECSFEPPLAPLSNPEPPNMTSTTELVKPEQGFVWQESSEFEADTAGSTV
 ERHKAQLDRLDINVQIDDSYLVEAGDRQKRWQCRMCEKSYTSKYNLVTHILGHNGIKPHSCPHCSKLFK
 QPSHLQTHLLTHQTRPHKCQVCHKAFTQTSHLKRHMLLHSEVKPYSCHFCGRGFAYPSELKAHEVKHES
 GRCHVCVECLDFSTLTQLKRHLASHQGPTLYQCLECDKSFHYRSLQNHMLKHQNVPRPFVCTECGMEFS
 QIHHLKQHS�THKGVKEFKCEVCGREFTLQANMKRHMLIHTSVRPYQCHICFKTFVQKQTLKTHMIVHSP
 VKPFCKKVCCKSFNRMYNLLGHMHLHAGSKPFKCPYCSKFNKGNLSRHMVKKHGVMDSISDSQDPMME
 LAGDPSELNQHQMEDFEENAYTYSVDSSAEASTLTEQAMKEMAYYNVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001145999

ORF Size: 1833 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.

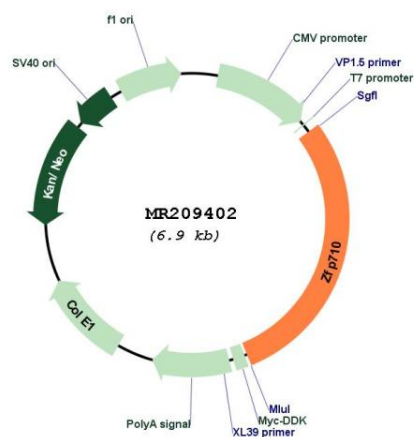
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001145999.1](#), [NP_001139471.1](#)

RefSeq Size: 4486 bp

RefSeq ORF:	2001 bp
Locus ID:	209225
UniProt ID:	Q3U288
Cytogenetics:	7 D2
MW:	69.5 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR209402