

Product datasheet for **RR209484**

Zfp710 (NM_001134563) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp710 (NM_001134563) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp710
Synonyms:	RGD1306491; Znf710
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR209484 representing NM_001134563
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGCCTAGCAGTAGTAACCTCTTCCCTTTCTCTTACAGAAATGCCCTCGTAGCCAGACCCACGGGA
 TGGAGGGCTTCATGGACTCAGGGACACAGACGGATGCTGTGGTGGTGCTGTCTTGGCTCAGGCTGCTGT
 GCTGGGCTGGTCTCAGAAAATGAGCTCTTTGGAGCCACCATAAGTGCAGAGGCCTTTACCCAGACCTG
 GGGCCAGAACTGTCTGGGACAGCCATGGGGAGCCAGGACCACAGGGCCTGACATCTATCAGCTGGCCT
 GTAATGGGCAGGCCCTGGAAGAGCCCCAGAAGAGGAGGTGCTGGAGGTAGAGGCCGCTTTGAGAAGCA
 CACCCGGAGGAAGACACGGCCCCCTGTGAGGCTGGTACCAAGGTCAAGTTTGAGAAGGCAGAAGACGAA
 GAGGAACAGGAGGTGTATGAGGTGTCTGTGCCCGGGATGACAAAGACCCGGGCCCTGCAGAGGCCCTG
 AGGAGGGCGCCAGTGGTGGCTGTGAGGCCCTGGTGCAGAGCAGTCCGCTCAAGATGATCGACCTCAGCGC
 CTTAGCCGCAAGCCCCGACACTCCGGCACTTGCCAAGAACTCAAGGCCAGAGCTGGACACGGCCCCA
 TTCGATCCTCCTTTCCCGACCCAGCCCGGGATGGCTTCTTGAGCCAGCATGGCACTACCTGGATCAG
 AGACTTTGCCCACTGAATGTAGTTTCGAGCCGCCCATCTGGCCCCCTGAGCAATCCTGAGCCTCCCAA
 CATGACATCGACGGAACCTCGTCAAACAGAGCAGGGCTTCGTGTGGCAGGAGTCCAGCGAGTTCGAGGCT
 GACACGGCAGGCTCTACAGTGGAGCGCCACAAGAAGGCACAGCTGGACCGCTGGACATCAATGTGAGA
 TCGATGACTCTTACCTAGTGGAGGCAGGCGACCGCCAGAAACGCTGGCAGTGTGCGATGTGCGAGAAGTC
 CTACACGTCTAAGTATAATCTGGTGACGCACATCTGGGCCAATGGCATCAAGCCACACTCATGTCTCT
 CACTGTAGCAAGCTCTTCAAACAGCCCAGCCACCTGCAGACGCACCTGCTGACACACCAGGGCACGCGGC
 CCCACAAGTGCCAGGTGTGCCACAAGGCCTTCACTCAGACCAGCCACCTCAAGCGCCACATGCTGCTGCA
 CTCGGAGGTGAAGCCCTACAGCTGTCACTTCTGTGGCCGCGGCTTCGCCTACCCTAGCGAGCTTAAGGCC
 CACGAGGTAAAGCACGAGAGTGGCCGCTGCCACGTCTGTGTGAATGCGGCCTAGACTTCTCCACCTGA
 CCCAACTCAAGCGCCACCTGGCCTCCCACAGGGCCCCACCTCTACCAGTGCCTTGAGTGTGACAAGTC
 CTTCCACTACCGCAGCCAGCTACAAAACCATGCTCAAGCACCAGAATGTGCGGCCCTTCGTGTGCACT
 GAATGTGGCATGGAGTTCAGCCAGATCCACCACCTCAAGCAGCACTCCCTCACCCACAAGGGTGTGAAGG
 AGTTCAAGTGTGAGGTCTGTGGCCGGGAGTTCACCCTGCAGGCCAACATGAAGCGCCACATGCTCATCCA
 CACCAGCGTGGGCCCTACCAGTGCACATCTGCTTCAAGACCTTTGTGAGAAGCAAACCTCAAGACC
 CACATGATCGTGCCTCGCTGTGAAGCCGTTCAAGTGAAGGTGTGCGGAAGTCTTCAACCGCATGT
 ACAACCTGCTGGGTCAATGCACCTGCACGAGGAGCAAGCCATTCAAGTGCCCGTACTGCTCCAGCAA
 GTTCAACCTCAAGGGAACCTGAGCCGGCAGATGAAGGTCAAGCACGGCGTCAATGGACATCAGCCTGGAC
 AGCCAAGGTGGGTGGGCTGTGCGCAGTGGACAGAGCAGGATTGACAGCGGCATGGTGCACCTCAGGAGTCT
 CCTGTCCAATTAGAGGCATAGGGAGGCTGGCCAAGGCCGAGACGTCAATGAGGTGGGCTCAGGTCTGGAG
 AGAGGGGAACCCGGAGAGCCATCGTGGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

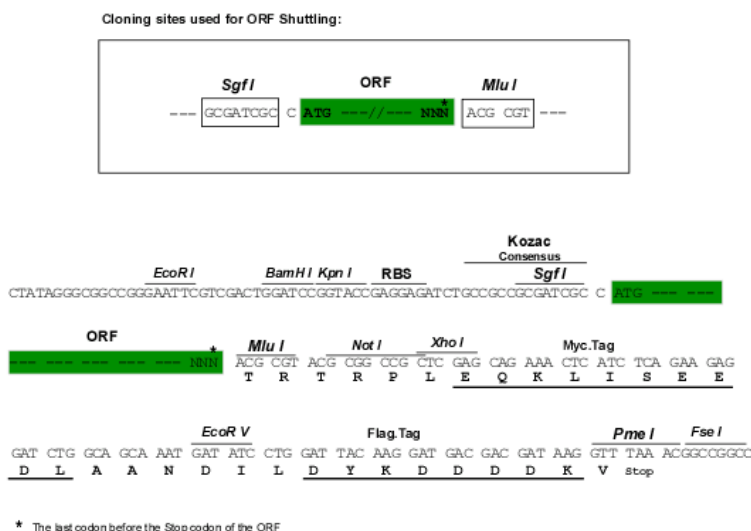
Protein Sequence: >RR209484 representing NM_001134563
 Red=Cloning site Green=Tags(s)

MGLAVVTSSLSFSYRNALVARPHMGEGFMDSGTQTDVVVLSLAQAAVLGLVSENELFGATISAEAFYPLD
GPELTSGTAMGEPGPPGDIYQLACNGQALEEPPEEEVLEVEAAFEKHTRRKRTPPVRLVPKVKFEKAED
EEQEYVEVSVPGDDKDPGAPEAPEEASGGCEALVQSSAVKMIDLSAFSRKPRTLRLHLPRTPRPELDTAP
FDPFPDPDARGFLEPSMALPGSETLPTCESEFPPLAPLSNPEPPNMTSTELVKPEQGFVWQESSEFEA
DTAGSTVERHKKQLDRLDINVQIDDSYLVEAGDRQKRWQCRMCEKSYTSKYNLVTHILGHNGIKPHSCP
HCSKLFKQPSHLQTHLLTHQGRPHKQCVCHKAFTQTSHLKRHMLLHSEVKPYSCHF CGRGFAYPELKA
HEVKHESGRCHVCVEGLDFSTLTQLKRHLASHQPTLYQCLECDKSFHYRSQLQNHMLKHQNVPRPFVCT
ECGMEFSQIHHLKQHSLTHKGVEFKCEVCGREFTLQANMKRHMLIHTSVRPYQCHICFKTFVQKQTLKT
HMIHVSPVKPFCKVCVKGSFNRMYNLLGHMHLHAGSKPFKCPYCSSKFNLKGNSRHMVKVHGVMDISLD
SOGGWAVRSGOSRIDSGMVHSGVSCPIRGIGRLAKAETSMRWAQVWREGEPGEPSWO

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001134563

ORF Size: 2061 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_001134563.1, NP_001128035.1

RefSeq Size: 2290 bp

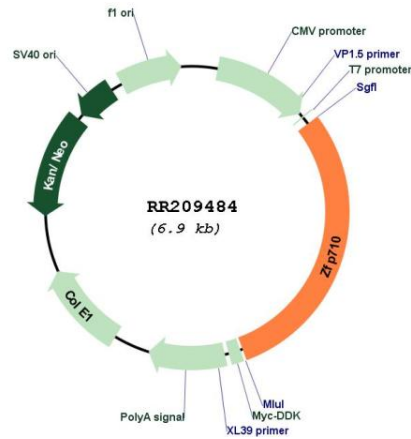
RefSeq ORF: 2064 bp

Locus ID: 293044

Cytogenetics: 1q31

MW: 77 kDa

Product images:



Circular map for RR209484