

Product datasheet for **RR208091**

Zfp410 (NM_001108042) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp410 (NM_001108042) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Zfp410
Synonyms:	Znf410
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR208091 representing NM_001108042
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTATCAGATGAGTTAGAATCCAACCAGAGCTCCTGGTTCAGTTTGTTCAGAATACCTCCATCCCC
 TGGGACAAGGGCTAGTAGAATCAGAAGCTAAAGACATTACTTGCTTATCCCTCCTCCAGTGACCGAGGC
 CTCAGAATGCAGTCGACTAATGTTACCAGATGAACTGCAAATCATGCTAATTCCTCCAAGGAGTCCCT
 TCTTCAGCTGTTTTGAGGAGCCTTCAGGTGAATGTGGGCCAGACGGAGAAGAGACAAGGGCTCAGACTG
 TACAGAAGTCCCCAGAGTTCCTGTCCACACCAGAGTCGCCTAGTTTGTGCAAGATCTACAGCCAAGTGA
 TAGCACTTCGTTTCATCCTTCTGAACCTAACAAGAGCAGGTCTGGGCTCTTCAGCTGAGCACTTTGTGTT
 GTACAGGATGAGGCCGAGGACTCGGGGCTGACTTCTCTCTGCTGAGAGCACAGACAGTAAATATCCCAT
 GGTTCCTCCGGTTCAGGAAGTGGCCACGACAGTTTGTATCGCAGCTACTCGTGACAGCTAGCAAAGAA
 TGCAAAAAGTGGCAGCAATGGAGAAAATGTCCACCTTGGTCTGGCGATGGCAACTCAAAGACTCTGGG
 CCCCTTCCTCAAGTGGAAAAGAAGCTCAAGTGCACGGTTGAAGGCTGTGATCGGACATTTGTGTGGCCAG
 CTCACTCAAGTACCACCTTAAACTCATCGAAATGAGCGCTCCTTCATCTGCCCTGCAGAGGGTTGTGG
 GAAGAGCTTCTATGTGCTGCAGCGGCTGAAGGTGCACATGAGGACACACAACGGGGAGAAACCTTTATG
 TGCCATGAGTCTGGGTGTGGTAAGCAGTTCACTACGGCTGGAAACCTGAAGAACCACCGACGCATCCACA
 CAGGAGAGAAGCCTTTCCTTTGTGAAGCCAGGGATGTGGCCGCTCCTTTGCTGAGTATTCAGCCTTCG
 AAAACATCTGGTGGTTCACTCAGGAGAGAAACCTCATCAGTGCCAAGTCTGTGGGAAGACCTTCTCTCAG
 AGTGAAGTAGAAACGTGCACATGAGAAAGCACCATTGCAGCTGGGACAACCTGGGAGTCAAGAACAGG
 ATCAGACTGCTGAGCCACTAATGGCAGTAGTTTGTCTTGAAGAAGCTTCAGTCCCAATAAAACCTGGT
 GTCTATGAATCCCCAGTCCAGCCTTGGTGGAGAGACCTTGAATCTACCAAATACCAATTCTATCCTTGG
 GTTGATGATGAGGTGCTTACTGAAAGATCCTCACGGCCCTGTCTTCAAGTGCCTGATGTGACACATCACT
 TGGTGACCATGCAGTCAGGAAGGCAGTCTATGAAGTTTCTGTCTTAACTGCAGTAAATCCCGAGGAGTT
 ACTAAACCAAGGAGATTTAACTGACAGACAGACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR208091 representing NM_001108042
 Red=Cloning site Green=Tags(s)

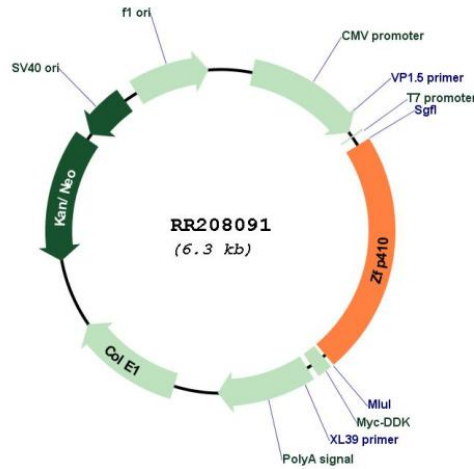
MLSDELESKPELLVQFVQNTSIPLGQGLVESEAKDITCLSLLPVTEASECSRLMLPDETANHANSSKEVP
 SSAVLRSLQVNVGPDGEEETRAQTVQKSPEFLSTPESPLLQDLQPSDSTSFILLNLTRAGLGSSAEHFVF
 VQDEAEDSGADFLSAESTDSNIPWFLRVQELAHDSLIAATRAQLAKNAKTGSNGENVHLGSGDGQLKDSG
 PLPQVEKKLKCTVEGCDRTFVWPAHFYHLKTHRNERSFICPAEGCGKSFYVLQRLKVHMRTHNGEKPFM
 CHESGCGKQFTTAGNLKNHRIHTGEKPFLEAQCGGRSFAEYSSLRKHLVVHSGEKPHQCQVCGKTFSSQ
 SGRNVHMRKHHLQLGTTGSQEQQDTAEPLMGSSLLEASVPNKTLVSMNPQSSLGGETLNLPTNSILG
 VDDEVLTERRSRPLSSVPDVTHHLVTMQSGRQSYEVSVLTAVNPQELLNQGDLDTRQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:

ACCN:

NM_001108042

ORF Size:

1434 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_001108042.2](#), [NP_001101512.1](#)

RefSeq Size: 3345 bp

RefSeq ORF: 1437 bp

Locus ID: 314310

Cytogenetics: 6q31

MW: 52.2 kDa