

Product datasheet for **RN208091**

Zfp410 (NM_001108042) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN208091 representing NM_001108042
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTTATCAGATGAGTTAGAATCCAAACCAGAGCTCCTGGTTCAGTTTGTTCAGAATACCTCCATCCCC
 TGGGACAAGGGCTAGTAGAATCAGAAGCTAAAGACATTACTTGCTTATCCCTCCTCCAGTGACCGAGGC
 CTCAGAATGCAGTCGACTAATGTTACCAGATGAACTGCAAATCATGCTAATTCCTCCAAGGAGTCCCT
 TCTTCAGCTGTTTTGAGGAGCCTTCAGGTGAATGTGGGCCAGACGGAGAAGAGACAAGGGCTCAGACTG
 TACAGAAGTCCCCAGAGTTCCTGTCCACACCAGAGTCGCCTAGTTTGTGCAAGATCTACAGCCAAGTGA
 TAGCACTTCGTTTCCTCTGAACCTAACAAGAGCAGGTCTGGGCTCTTCAGCTGAGCACTTTGTGTTT
 GTACAGGATGAGGCCGAGGACTCGGGGGCTGACTTCCTCTCTGCTGAGAGCACAGACAGTAATATCCCAT
 GGTTCCTCCGGGTTCAAGAACTGGCCACGACAGTTTGATCGCAGCTACTCGTCACAGCTAGCAAAGAA
 TGCAAAAACCTGGCAGCAATGGAGAAAATGTCCACCTTGGTTCTGGCGATGGCAACTCAAAGACTCTGGG
 CCCCTTCCTCAAGTGGAAGAAAGCTCAAGTGCACGGTTGAAGGCTGTGATCGGACATTTGTGTGGCCAG
 CTCACCTCAAGTACCACCTTAAACTCATCGAAATGAGCGCTCCTTCATCTGCCCTGCAGAGGGTTGTGG
 GAAGAGCTTCTATGTGCTGCAGCGGCTGAAGGTGCACATGAGGACACACAACGGGGAGAAACCTTTATG
 TGCCATGAGTCTGGGTGTGGTAAGCAGTTCACACGGCTGGAAACCTGAAGAACCACCGACGCATCCACA
 CAGGAGAGAAGCCTTTCCTTTGTGAAGCCAGGGATGTGGCCGCTCCTTTGCTGAGTATTAAGCCTTCG
 AAAACATCTGGTGGTTCACCTCAGGAGAGAAACCTCATCAGTGCCAAGTCTGTGGGAAGACCTTCTCTCAG
 AGTGGAAGTAGAAACGTGCACATGAGAAAGCACCCTTGACGCTGGGACAACCTGGGAGTCAAGAACAGG
 ATCAGACTGCTGAGCCACTAATGGGCAGTAGTTTGCTTGAAGAAGCTTCAGTTCCCAATAAAACCTGGT
 GTCTATGAATCCCCAGTCCAGCCTTGGTGAGAGACCTTGAATCTACCAAATACCAATTCTATCCTTGGA
 GTTGATGATGAGGTGCTTACTGAAAGATCCTCACGGCCCTGTCTTCAGTGCCTGATGTGACACATCACT
 TGGTGACCATGCAGTCAGGAAGGCAGTCTATGAAGTTTCTGTCTTAAGTGCAGTAAATCCGCAGGAGTT
 ACTAAACCAAGGAGATTTAACTGACAGACAGACA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_001108042
- Insert Size:** 1437 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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