

Product datasheet for **RN209745**

Zfp37 (NM_058209) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp37 (NM_058209) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp37
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN209745 representing NM_058209
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGGCCTCTGACTCCAACAAGGACCTGACAAAGCCAGAGCGGTGGGCCGGAGGAGTACGGACAAAG
 CCAGGCGTCCGAAGGAGATGGCTACACCCGAGCCTGCAGAGAGCGATGCGAAGGAATGGGAGCAGCTGGA
 ACCTGGGCAGAGAAACGTGTACAAGGATACAAAGCTAGAGACCTGCAGCAATCCAGCCTCGATGGGAAAT
 CAAGATCCCAAACAAGGCCTAGTCTCTAAGTTGGATGGAGAAGAAGAGCGGTGGTCTTCAGTGAGGGCAA
 ATAAGAACAGCTCAAGTAGTCTGCACAGACTCAAGAAAACAGGAACCAAGTCAAAAGTCCAACAAGATGG
 TGCACAGACGGAGGGGAAGCAGAAATCCAAAGGAAACTCACTTCAGAAGTGACATTGAGGAAAGAAAGT
 TCAAACAGTAAGAAAAGCAGTGAGTGTACATTGTTGGAGAAGAAAATGTCCATTCAAACATGATCCTT
 CTGAAAAAAGATTGCATAAATCCAATTTGTATGGGAAGAACTTGAATCAGAATTTAGACTTACCCAGTCA
 GATTAATCTCTGCGAAAAAGAAACCCGATACAGCTAATGAATATAGGAAATCACTCAGCCATTCTGCA
 TCCGATGTGAACAGAGATGAAATTTCAACTAGAAAGAAAATGTGACAAGTACCCAAACAATAAATGTTTG
 GTAAAGGTGACAAAAACCAAACAGGCAAGAAAATGTGAGAAAGTATGCCGTCATAGCGCATCCCATACCAA
 GGAAGACAAAATTCATACCGGGGAGAAACCGAAATCACCTGCCGTAGTCCATCTAAATCTGACAAGGCT
 CCAGGCTCTGGGAAACCTTATGAATGTAATCAATGTGGGAAGGTCCTCAGCCATAAACAGGGGCTCCTTG
 ACCATCAAAGAACTCATACCGGGGAGAAACCATATGAATGTAACGAATGCGGGATAGCTTTCAGCCAAAA
 GTCCCACCTTGTGCTACATCAGAGAACTCACACTGGGAAAAGCCATACGAGTGTGTCCAGTGTGGCAA
 GCCCAGGTCACAACATGCCCTCACTGACCACCTGAGAATCCATACCGGAGAAAAGCCCTACAAATGTA
 ATGAATGTGGCAAAACCTTTAGGCACAGCTCAAACCTTATGCAACACATAAGATCTCACACGGGCGAGAA
 GCCGTACGAGTGTAAAGGAGTGTGGCAAATCCTTCAGATAAATTCATCTCTCACCGAACATGTGAGAACA
 CACACAGGCGAAATACCCTATGAATGTAATGAATGTGGCAAAGCTTTTAAGTATGGCTCATCCCTGACTA
 AACACATGCGAATTCATACAGGCGAGAAGCCTTTGAATGTAAGTGTGAGTGTGGGAAGACTTTTAGCAAAA
 GTCACACCTAGTTATACATCAGAGAACTCACACGAAGGAGAAACCTTATAAATGTAAGGAGTGTGGCAA
 GCCTTTGGACATAGTCTCTTACCTACCATCTGAGAACTCACACCGGGGATTGCCCTTTGAATGTA
 ATCAATGTGGCAAGGCCTTCAAGCAAATGAGGGCCTTACTCAACACCAGAGAGTTCATACAGGAGAGAA
 ACCCTATGAGTGTGCGAATGTGAAAAGCCTTCAGTCAAGTACACCTCATTGTACATCAGAGAACT
 CATACAGGGGAGAACCCCTTTGAATGTTATGAGTGTGAAAAGCCTTCAATGCAAAATCACAACCTTGTTA
 TTCATCAGAGATCCACACTGGAGAGAAACCTATGAGTGTGTTGAATGTGGTAAAGCCTTCAAACAAAA
 TGCTTCTCTTACCAGACATATGAAGATTCACTCGGAAGAACAATCTCAGGAGGAAGAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_058209
- Insert Size:** 1881 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_058209.2](#), [NP_478116.2](#)

RefSeq Size: 3369 bp

RefSeq ORF: 1881 bp

Locus ID: 115768

Cytogenetics: 5q24

Gene Summary: mouse homolog is a transcriptional regulator that may be involved in neural development [RGD, Feb 2006]