

## Product datasheet for **MC204472**

### Zfp90 (NM\_011764) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp90 (NM_011764) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zfp90
Synonyms:	6430515L01Rik; KRAB17; mKIAA1954; NK10; Zfp64; Zfp83
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC046298  
 GTTGCAGAGCAGTACTGCCGGGAACAAGAACTGCAGCGGGCGCTAGAGGGGCGGACCTGAGGTCGCGGA  
 TTCCGAAGCCCCGGAGGCAGATTCCGAGTGCAGTGGGTAGGAGGCTGTCTCCGGGCTCGCCGACCATC  
 CTGCGGACGGACTGGGCGTGGCCGGAGGAACTGTCCCAGAGCTGTGGGCCTTTCAATTTGGCCTTGGGAA  
 GAGCAGCAGGAGAAGGCGGGGCTCTCCCACGTTTCGGCCGAAGTGGCTGCAGAGCTGAAGGGTGGGG  
 CCTCGGGTAGCCCGGTGAGTGGATCCTGTCTCTCCTCAGCCCTGGACCATAGCCAGCACACTGA  
 GGCAGGAATGGCCCCGAGACCTCCGACGGCCAAGCCCCAGGAGTGGTGACATTCAAAGATGTGGCTGTG  
 AACTTCAACCAGGAAGAATGGCACACGTGGGCCCTGCCAGAGGAGCTTATACAGGGATGTCATGCTGG  
 AGAACTACAACCCTGGTGTGCTCGGTATCAAGTCTCCAAGCCAGAGGTGATCTTCAAATTTGGAGCA  
 AGGAGAAGAGCCATGGATATCAGAGAAAGAAATCCAAAGACCTTTCTGTCCAGACTGGAAGACCAGGCT  
 GAGTCTCACGGAGTCTCAGCAGGGCGTATCTGAAGTATTCCTCAGAACAAATGTTTTATCACACCA  
 CAATAGGTGATATCTGGAATGTCGCTATCCAGGGGCATCAGGAAAGTGGGAGAAGACATCTGGGGCCAGA  
 GGCATCTCCCAGAAGAAAATAACCACTCTAGAGAAAAAATTGAGCAAAACAAAGTTGGTGAAGACTCT  
 AGTTTGAGCACAGACTTGGTCCACAACGGACATTTCTCAAGTATAAGGCCAGTGACTGTAACAT  
 TTGGAAATAATTTGGAACACAATTCAGAACTAGTTACTCAGAGTAAATATCCTTGCTAAAAAGAAGCCTTA  
 TAAGTGTGATAAATGTAGGAAATCATTTATTCATAGATCATCACTTAATAAACACGAGAAGATTCATAAA  
 GGCATCCTTACTCCAATGGTACAGACCAAGGAGCTCAGTCTGGAAGGAAACACCATGAGTGTGCGGACT  
 GTGGGAAAACCTTCTCTGGAGAACACAGCTCACGGAGCACCAGAGAATTCACACTGGGGAAAAACCTT  
 TGAGTGTAAATGTGTGGAAAGGCTTCAGGCACAGCTCGTCCCTTGGTCAGCATGAAAACGCACATACA  
 GGAGAGAAGCCCTATCAGTGTAGCCTCTGTGGAAAGCCTTCAGCGCAGTTCATCTCTTGTTCACACC  
 AGAGAATCCACACGGGAGAGAAGCCCTATCGTGCAATCTCTGTGGGAGGTCATTAGGCACAGCAGTC  
 CCTCACGCAACATGAGGTGACCCACAGTGGGAGAAAACCTTCCAGTGTAAAGAAATGTGGAAAGGCTTT  
 AGCAGGTGTTCTCCCTGTCCAGCATGAGAGGACCCATACAGGAGAGAAGCCTTTCGAGTGCAGCATTT  
 GTGGGAGGGCATTGGTTCAGAGCCCATCCCTTTATAAACATATGAGGATTCATAAAAGAAGCAAAACCTTA  
 CCAAAGTAACAATTCAGCCTGGCTTTTGTGCCTAACACTCCTCTCCTCAAGGTGAAGGCTGCTTACT  
 GAAGTAAAGTCGTACCATTGTAATGACTGTGGAAAGACTTCGGTCACATTACAGACTTCTCTGAGCACC  
 AGAGGCTCCACGCTGGGAGAAATTCCTACGGCTCTGAACAGACCCTTCTTGGTCAGCAGTCCCTGTCTCA  
 TCCCCGAGAGAAACCTATCAGTGAACGTATGTGGAAAGCTTTTAAAAGGAGTACAAGTTTTATAGAG  
 CATCATCGAATTCACACTGGAGAGAAACCTATGAATGTAATGAGTGTGGGAAGCCTTCAGTGCAGTCT  
 CGTCACTACGCAACACGAGAGGACCCACACTGGCGAGAAACCTATGAGTGCATTGACTCGGGAAAGC  
 TTTCAGTCAAAGCTCATCCCTGATTCAGCACGAAAGACGCATACCGGAGAGAAACCTATGAGTGTAAAT  
 GAGTGTGGGCGGGCCTTTAGAAAGAAGCAATTTGCACGACCATCAGAGAACTCACACTGGAGAGAAAC  
 CCTATGCTTGAAGGAGTGTGGGAGAACTTCAGCCGGAGCTCCGCCCTTACTAAACACCACCGAGTTCA  
 CGCCCCGAATAAACTGCAGGAAAGCTAAACAATGGGATGGGAGGAGGCACGGCCGAACATCTGCTTCCA  
 ACCCAGTGTGAGAGGATTCTGAAAGTCTGAGAATGTAATTATGTGTTTGGACACTGTGTATAGAGAAAAC  
 TGCCACTAGAAGAAAAAATTTAAATTAAGCCATTCTTTCATACCTTATTACAGGCTTCTGTAGAAC  
 TACGTACGGCATATGTAGTCGTTTGGAAATGATGTGACCTTACTAAAGCTTTTGAATATATGTGTGCAGA  
 GTCACCAAGTTTTAA  
 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_011764

**Insert Size:** 1911 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:** [BC046298](#), [AAH46298](#)

**RefSeq Size:** 2616 bp

**RefSeq ORF:** 1911 bp

**Locus ID:** 22751

**UniProt ID:** [Q61967](#)

**Cytogenetics:** 8 53.14 cM

**Gene Summary:** Inhibits the transcriptional repressor activity of REST by inhibiting its binding to DNA, thereby derepressing transcription of REST target genes.[UniProtKB/Swiss-Prot Function]