

Product datasheet for **RN215536**

Zfp90 (NM_001025765) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zfp90 (NM_001025765) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zfp90
Synonyms:	MGC114532
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN215536 representing NM_001025765
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCCGAGACCTCCGACGGCCACGCCCCAGGAGTCAGTGACATTCAAAGATGTGGCTGTGAACCTTCA
 CCCAGGAAGAATGGCGCCATGTGGGCCCCGCCAGAGGAGCTTATATAGGGACGTCATGCTGGAGAATA
 TAGCCACCTGGTTTCGCTCGGGTATCAAGTCTCCAAGCCAGAGGTGATCTTCAAACCTGGAGCAAGGAGAA
 GAGCCATGGATATCAGAGAGAGAATCCAAAGGCTTTCTGTCCAGACTGGAAGACCAGGCCTGACATCA
 AATCGTGGAGTCCCAGCAGGGCGTATCTGAAGTATCCCACAGTGCAAATGTTTGGTCGCACGCCACATT
 CGGAGATATCTGGGGTGTCAATACCCAGAGGCACCAGGAGAGTTGGAGAAGACATCTTGGCCAGAGGCA
 TCTTCCCAGAAGAAAATAACCGCTCTGGAGAAAATAGCTGAGCAAATAAGTTTGGTGGAGACTCAGGTT
 TGAGCACAGACTTGGTTCCACAATTGGACGTTTCTTCAAGCATAAGGCCAGCGAATGTAAGACATTTGG
 AAATAATTTGGAATACAATTCTGAATTAGTTACTCAGAGTGGTATCCCTGCTAAAAAGAAGCCTTACAAG
 TGTGATAAATGTAGGAAGTCATTTATTCATAGATCATCACTCAATAAACATGAGAAAATTCATAAAGACG
 ATGCTTATTTCAAATGGTACGGATCAAGGAGTTCCTTCTGGAAGGAAACATCATGAGTGCACCTGACTGTGG
 GAAAACCTTCTGTGGAGAACACAGCTTACTGAGCATCAGAGAATTCACACTGGGGAGAAAACCTTCGAG
 TGTAATGTGTGTGGAAAGGCCTTCAGGCACAGCTCATCCCTTGGTCAGCATGAAAATGCACATACAGGGG
 AGAAAACCTATCAGTGTAGTCTCTGTGGAAAAGCCTTCCAGCGCAGTTCATCTCTTGTTCAGCACCAGAG
 AATCCATACTGGAGAAAAACCTATCGGTGTAACCTCTGTGGGAGGTCAATCAGGCACAGTACGTCCTT
 ACTCAACATGAGGTCACACATAGCGGAGAGAAAACCTTCCAATGTAAGGAATGTGGGAAAGCCTTTAGTA
 GATGTTCTTCCCTTGTTCACATGAGAGGACTCATACAGGAGAGAAGCCTTTTGAATGTAGCATATGTGG
 GAGGGCGTTTGGTCAGAGCCCATCCCTTTATAAGCATATGAGGATTCATAAGAGAAGCAAACCTTACCAA
 AGTAACAACCTTACGATAGCTTTTGGAGCCTAACATTCCTCTCACTCAAGGTGAAAGTGTGCTCACTGACG
 TAAAGTCATACCATTTGATTGACTGTGGGAAAGACTTCAGTCACATCACAGACTTCACTGAGCATCAGAG
 GATCCATGCTGGAGAGAATTCCTATGACTCTGAACAGGCCCTTCGTCAGCAGTCCCTGTCTCATCCCCGA
 GAGAAACCTATCAATGCAACGTATGCGGGAAAGCTTTTAAAAGGAGTACGAGTTTTATAGAGCATCATA
 GAATTCATACTGGAGAAAAACCTATGAATGTAATGAGTGTGGAGAAGCCTTCAGTCGACTCTCGTCACT
 GACGCAACATGAGAGAACCACACTGGAGAGAAACCATATGAATGTAATGACTGCGGGAAAGCCTTCAGT
 CAAAGTTCATCCCTTATTCAGCATGAAAGAACTCATACTGGAGAGAAACCGTATGAATGTAATGAATGTG
 GCCGTGCCTTTAGAAAGAAAACCAATCTGCATGATCATCAGAGAATTCATACTGGAGAAAAGCCCTATGC
 TTGTAAGGAATGTGGGAAAAACTTCAGCAGGAGCTCAGCCCTTACTAAACACCACAGAATTCATTCACGA
 AATAAACTG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001025765
- Insert Size:** 1902 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_001025765.1](#), [NP_001020936.1](#)

RefSeq Size: 2235 bp

RefSeq ORF: 1902 bp

Locus ID: 498945

UniProt ID: [Q4V8A8](#)

Cytogenetics: 19q12

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]