

Product datasheet for **RN215652**

Zpr1 (NM_001137646) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zpr1 (NM_001137646) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Zpr1
Synonyms:	RGD1562173; Zfp259
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215652 representing NM_001137646
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGCCACGGGGCTGTGCAGCCCGGACCTCCGGGGCTGCCGTGCGCCCTCGCCACCGCGGCTG
 CGTTATCAGACACCGACCTTTGTTCCGGCCCCTCAGCGCCGAGGATGAGGAGCAGCAGCCCACTGAGAT
 CGAGTCACTGTGCATGAACTGTTACCGAACGGCACGACGCGACTTCTGCTCACTAAGATCCCCTCTTT
 AGAGAAATAATCGTGAGCTCCTTTTCTGTGAGCACTGTGGTGGAAACAACCGAGATCCAGTCAGCAG
 GAAGGATCCAGGACCAAGGAGTGCCTACACCTTGACCGTTAAGGGCCAAGAGGACATGAACAGAGAAGT
 GGTGAAGACAGACTCAGCCACCACAAGGATCCCGAGCTGGATTTTGAATTCCAGCTTTCAGCCAGAAG
 GGAGCTCTGACCACTGTGAAGGACTCATAAGCCGCGCAATCTTGGGCCTGGAACAGGACCAGCCGACAC
 GACGGCAATGGAAGGTCTATAGCCGAAAGAATTGATGAGTTTATTGGCAAACCTGAAGGACCTAAAGCA
 AATGGCTTCCCGTTACGCTGATCATTGATGATCCCTCGGAAACAGCTTTGTAGAAAACCCACACGCT
 CCTCAAAAAGATAGCGCCTTGGTATCACATACTACGACCGACCCACAGCAAGCTGAGATGCTGGGGC
 TCCAAGCAGAAGCACCAGAAGAGAAGTCGGAAGAGGAAGACCTTAGAAAACGAAGTCTCCAGTTCAACAC
 AAAGTCCAGAGTGCAACGCCCCCGCTCAGACCAACATGAAGCTTGCCAAATCCCCACTTTAAAGAG
 GTTATCATCATGGCCACCAACTGTGAGAGGTGTGGGCATCGGACTAATGAGGTGAAGTCTGGAGGAGCTG
 TAGAACCTTTGGTACCAGGATTACCCTCCACATCACAGATCCCTCAGACATGACCAGAGACCTCCTCAA
 GTCTGAGACCTGTAGTGTAGAAATCCCAGAGCTCGAGTTTGAAGTGGGAATGGCTGACTTGGGGGCAAG
 TTCACCACTCTCGAAGGACTGCTGAAAGACATCCGAGAATTGGTAACCAAAAACCCATTCACGCTGGGCG
 ACAGCTCCAATCCTGACCAGTCAGAGAACTGCAGGAGTTTAGCCAGAAGTTGGGCCAGATCATCGAGGG
 CAAGATGAAAGCCCACTTTATCATGAATGATCCAGCAGGAAACAGTTACCTGCAGAACGTGTATGCACCT
 GAAGATGACCCGAGATGAAGGTAGAGCGGTACAAGCGCTCCTTTGACCAAAAATGAGGAGCTCGGCCTCA
 ATGACATGAAGACAGAGGGCTATGAGGCAGACCTGGCCCCACAGCGG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001137646

Insert Size: 1380 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_001137646.1, NP_001131118.1
RefSeq Size: 2896 bp
RefSeq ORF: 1380 bp
Locus ID: 500989
Cytogenetics: 8q22