

## Product datasheet for **RN204901**

### Zrsr1 (NM\_001017504) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Zrsr1 (NM\_001017504) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Zrsr1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN204901 representing NM\_001017504  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCATCACAGCAGACCGGTTTCTGAGAACTCAGCAGAAAACAATACAAGGCTGCAATGAAGAAGG  
 AGAAACGCAAGAAACGTCGGCAGAAAAATGGCTCGCTTGAGAGCTCTGGAAGCCCCACCAGAGGTGGAGGA  
 GGAGGATGTTTCTGCCAATGAAGAACTGCAGAGAGATTACTGGAGATAGAGAGGCCAAAAATTACATGAA  
 GAGTGGCTGCTGAGGGAGGAGAAGGCACAAGAAGAATTCAGAATAAAGAAGAAAAAGGAGGAGGCTGCTA  
 GAAAACAGAAGGAAGAACAGGAGAGACAAATAAAGGCTGAATGGGAAGAACAACAGAAAAACAGAGAGA  
 GGAGGAGGAGCAGAAGCTACAGGAGAAGAAAGAGAGAGGAAGCGGTGCAGAAAATGCTGGACCAGGCT  
 GAAAATGAAGGCCTTGGCAGAACCAGAACCCCAAAGATTTAAGGCTGGAGAAAATACGACCCAGTT  
 GTCCTTCTACAATAAGACGGGAGCCTGCAGATTTGGTAACAGGTGTTACGGAAGCATGACTTTCCAC  
 GTCAAGTCCCACACTTCTGTGAAGAGTATGTTTACGACGTTTGGAAAGGAGCAGTGCAGAAGGGATGAC  
 TACGACTCTGACGAAACCTGGAGTACAGTGGAGGAGACCTACCAGCAGTTTTTGGATTTCTACCAG  
 ACGTGCTGCCCGAGTTCAAGAACGTGGGAAAGGTGATTCAGTTCAAAGTAAAGCTGCAATCTGGAACCTCA  
 TTTGCGGGCAATGTGTATGTTTACGACGTTTGGAAAGGAAATGCCAAGCAGCCCTCTCTCTTTAAT  
 GGAAGATGGTACGCAGGACGACAGCTGCAGTGTGAATTCGTCCAGTGACCCGGTGGAAAGTTGCGATT  
 GCGGTTTGTTCGAAATGCAAAAGTGTCCGAAAGGAAAGCACTGCAACTTCTCCATGTGTTTCAGAAACCC  
 CAACAACGAGTTCAGAGACGCGAACAGGGACATCTACCTGCCTCCGGCAGCACTGGCTCCTCTGGTAAA  
 AACTCAGACCGGGGGGACAGGAAGGATCACCGAGAGGAAAGCTACAGCAAGTCAAGAAGCCACCCTCTG  
 GCTCATACCACTCCTCAAGAGAAGCAGGGAGTCCGAGAGGAAGAGTCTCACAGGTGGAAGAAATCTCA  
 CAAACAGGCCACGAAGAGTCATGAGCGGCACAGCTCAAGAAGAGGAAGAGAAGAGGGCAGCAGTCCAGGT  
 CCGCAAAGCCAGAGCCACAGAAC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI



<b>ACCN:</b>	NM_001017504
<b>Insert Size:</b>	1287 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001017504.1</a></u> , <u><a href="#">NP_001017504.1</a></u>
<b>RefSeq Size:</b>	1755 bp
<b>RefSeq ORF:</b>	1287 bp
<b>Locus ID:</b>	498425
<b>Cytogenetics:</b>	14q22