

## Product datasheet for **RN204738**

### **Oxsr1 (NM\_001108194) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Oxsr1 (NM_001108194) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Oxsr1
Synonyms:	Osr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204738 representing NM\_001108194  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTCGAGGACTCGAGCGCCCTGCCCTGGTCCATCAACAGGGACGACTACGAGCTCGAGGAGGTGATCG  
 GGAGTGGAGCAACTGCTGTGGTCCAAGCAGCTTACTGTGCCCAAAAAGGAGAGAGTGGCAATCAAACG  
 GATAAACCTGGAGAAGTGTGAGACGAGCATGGATGAGCTCCTGAAAAGAAATCCAAGCTATGAGTCAATGC  
 CATCATCCTAACATTGTGTCTTACTACACATCCTTTGTGGTAAAAGATGAGCTGTGGCTGGTCATGAAGC  
 TGCTAAGTGGAGGTTCCGTTCTGGATATTATAAACACATTGTGGCAAAGGGGAACATAAGGGCGGAGT  
 TTTGGATGAGTCGACCATCGCTACAATCCTCCGAGAAGTCTTAGAAGGACTGGAGTACCTGCACAAGAAC  
 GGGCAGATCCACAGAGATGTAAAGCTGGGAACATTCTTCTAGGAGAAGACGGCTCTGTGCAGATTGCAG  
 ATTTCCGGTGTAGTGCTTTTTAGCCACTGGTGGTGACATTACCAGAAATAAGTAAGAAAGACGTTTGT  
 TGGCACCCGCTGGATGGCACCTGAAGTTATGGAGCAGGTTGAGGTTATGATTTTAAAGCTGATATC  
 TGGAGTTTTGGAATCACAGCGATTGAACTAGCCACAGGGGAGCTCCTTATCATAAATATCTCCAATGA  
 AGGTTTTAATGCTGACACTCCAGAACGATCCTCCTTCTTTGGTACTGGTGTCAAGATAAAGAAATGCT  
 GAAAAATATGAAAAATCATTTAGAAAAATGATTTTATTGTGCCTTCAAAGGATCCAGAAAAAGACCA  
 ACAGCAGCAGAACTGTTGAGGCACAAGTTTTCCAGAAGGCAAAGATAAAGAAATTTCTTCAAGAAAAA  
 TACTACAGAGAGCACCTACCATCTCTGAAAGATCTAAAAGGTCGGAGAGTGCCCGGCTCCAGCGGCCG  
 TCTCCATAAGACAGAGGATGGAGGCTGGGAGTGGAGCGACGATGAGTTTATGAGGAGAGCGAGGAAGGG  
 AAAGCTGCGATTTCTCAGCTCAGGTTCTCCCGAGTAAAAGACTCATTGTCAAATTTCTGAGCTCTTCTCG  
 CCGTGATCCCATGGGGACTTTGCTTCAAGTTCCAGAACAAATTTCTGCACATCTACCTCAGCCAGCTG  
 CCAGATGCCACACAGCCAGCTCAAGTCTCTCTGCCCCCTGCAGAGCCAGCAAAGCCAGCACAGGCT  
 CGATCTTCAGGAGAGCGGTCCCAGGAGACCAAGGTCCTATCAGTCTAGTGCTAAGATTAAGGAATTCCA  
 AAAAGAATAAATGATATTCGATTTGAATTTACTCCTGGGAGAGATACAGCAGAGGGTGTTTCTCAGGA  
 GCTCATTCTGTGCCTGGTCGACGGAAGGGATTTAGTGATAGTGGCAGCTAATTTGCAGAAAATTTGTG  
 GAAGAACCTCAGTCAAATCGATCTGTCACTTTCAAAGTGGCATCTGGTGTGAAGGCTCGGATATTCCTG  
 ATGATGGCAAATGATAGGATTTGCCAGCTCAGCATCAGCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001108194

**Insert Size:** 1584 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\\_001108194.1](#), [NP\\_001101664.1](#)

**RefSeq Size:** 4525 bp

**RefSeq ORF:** 1584 bp

**Locus ID:** 316064

**Cytogenetics:** 8q32