

## Product datasheet for **RN205899**

### **Srf (NM\_001109302) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Srf (NM_001109302) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srf
Synonyms:	RGD1559787
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205899 representing NM\_001109302  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTTACCGAGCCAAGCTGGGGCCGGCGGCTCTGGCCGGGGCTCGGCCCTGGGGGCGAGCCTGAACA  
 GGACCCCGACGGGGCGCCGGGCGCAGCGGTGGGACTCGCGGGCGAACGGGGCCGGTCCCGGGAA  
 CGGCGCGGGGCTCGGCCCGGGTCTGAGAGCGGAGGCTGCAGCAGCAGCAGCGCCACCGCGGGGCC  
 CTCTACAGCGGCAGCGAGGGCGACTCTGAGTCCGGCGAGGAGGAGCTGGGCGCCGAGCGGCGGGCC  
 TCAAGCGGAGTCTGAGCGAGATGGAGCTCGGTGTGGTGGTGGTGGGCTGAGGCGCGGGCGGGCCG  
 CGGAGGCTACGGACCGGTGAGCGGCGGGTGGGCGGGCAAGCCGGGGAAGAAGACCGGGGCCGCGTG  
 AAGATCAAGATGGAGTTCATCGACAACAAGCTGCGGCGTTACACGACCTTCAGCAAGAGGAAGACGGGA  
 TCATGAAGAAGGCTTATGAGCTGTCCACGCTGACAGGGACACAGGTGCTGTTGCTGGTGGCCAGTGAGAC  
 AGGCCATGTGTATACCTTTGCCACCCGAAACTGCAGCCATGATCACCAGTGAGACCGGCAAGGCCTG  
 ATTCAGACCTGCCTCAACTCGCCAGACTCTCCACCCCGCTCAGACCCAGCACAGACCAGAGAATGAGTG  
 CCACTGGCTTTGAAGAGCCAGATCTCACCTACCAGGTGTCGGAATCTGACAGCAGTGGGGAACCAAGGA  
 CACACTGAAGCCAGCATTACAGTACCAACCTGCCGGTACCACCTCCACAATCCAAACAGCACCAGC  
 ACCTCTACCACCATGCAAGTCAGCAGCGGCCCTCCTTCCCCATCACAACCTACCTGGCACCAGTGTCTG  
 CTAGTGTGAGCCAGTGTCTGACAGTGCCAAACGGGACTGTGCTCAAGAGTACAGGCAGCGGCCCTGT  
 CTCCTCTGGGGCCCTTATGACAGTGCCTACCAGCTTACTCTCATGCCTGGTGGGCGAGTGGCCAGCAG  
 GTCCCTGTGACAGCCATTATGTGACACAGGCCCCACAGCAAGCGTCTCCCTCTCGTGACAGCAGCACAG  
 ACCTCACGACAGCTCCTCCAGCGGGACAGTGACGTTGCCCGCCACCATCATGACGTCGCTGTACCCAC  
 AACTGTGGGTGGCCACATGATGTACCCTAGTCCCATGCAGTGATGTATGCCCCACCTCGGGCCTGGCT  
 GATGGCAGCCTCACCGTCTCAATGCCTTCTCTCAGGCACCATCCACATGCAGGTGTCCACAGCCAGG  
 TCCAGGAGCCAGGTGGTGTCCCTCAGGTGTTCTCACAGCACCGTCTGGGACCGTGCAGATCCCTGTCTC  
 TGCCGTTACAGTTCACCAGATGGCTGTGATAGGACAGCAAGCTGGGAGCAGCAGCAACCTCACCGAGCTA  
 CAGGTGGTGAACCTGGACGCCACCCACAGCACCAAGAGTGAATGA

**ACGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_001109302

**Insert Size:** 1515 bp

**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

<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>NM_001109302.1, NP_001102772.1</u>
<b>RefSeq Size:</b>	4106 bp
<b>RefSeq ORF:</b>	1515 bp
<b>Locus ID:</b>	501099
<b>Cytogenetics:</b>	9q12