

Product datasheet for **RR205899**

Srf (NM_001109302) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR205899 representing NM_001109302
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTACCGAGCCAAGCTGGGGCCGCGGGCTCTGGCCGGGGCTCGGCCCTGGGGGCGAGCCTGAACA
 GGACCCGACGGGGCGCCGGCCGGCAGCGGTGGGACTCGCGGGCGAACGGGGCCGGTCCCGGGAA
 CGGCGCGGGGCTCGGCCCGGGTCTGTGGAGCGGAGGCTGCAGCAGCAGCAGCGCCACCAGCGGGCC
 CTCTACAGCGGCAGCGAGGGCGACTCTGAGTCCGGCGAGGAGGAGCTGGGCGCCAGCGGCGCGCC
 TCAAGCGGAGTCTGAGCGAGATGGAGCTCGGTGTGGTGGTGGTGGGCTGAGGCGGCGGCGGGCCG
 CGGAGGCTACGGACCGGTGAGCGGCGGGTGGAGCGGGCCAAAGCCGGGGAAGAAGACCCGGGGCCGCTG
 AAGATCAAGATGGAGTTCATCGACAACAAGCTGCGGCGTTACACGACCTCAGCAAGAGGAAGACGGGCA
 TCATGAAGAAGGCTTATGAGCTGTCCACGCTGACAGGGACACAGGTGCTGTTGCTGGTGGCCAGTGAGAC
 AGGCCATGTGTATACCTTTGCCACCCGAAACTGCAGCCATGATCACCAGTGAGACCGGCAAGGCCTG
 ATTCAGACCTGCCTCAACTCGCCAGACTCTCCACCCCGCTCAGACCCAGCACAGACCAGAGAATGAGTG
 CCACTGGCTTTGAAGAGCCAGATCTCACCTACCAGGTGTGCGAATCTGACAGCAGTGGGGAACCAAGGA
 CACACTGAAGCCAGCATTACAGTCACCAACTGCCGGTACCACCTCCACAATCCAAACAGCACCAGC
 ACCTCTACCACATGCAAGTCAGCAGCGGCCCTCCTTCCCCATCACAACCTACCTGGCACCAGTGTCTG
 CTAGTGTGAGCCAGTGTGTGAGCAGTGCCACGGGACTGTGCTCAAGAGTACAGGCAGCGGCCCTGT
 CTCCTCTGGGGCCCTTATGACGTGCCTACCAGCTTACTCTCATGCCTGGTGGGCGAGTGGCCAGCAG
 GTCCCTGTGACAGCCATTCATGTGACACAGGCCACAGCAAGCGTCTCCCTCTCGTGACAGCAGCACAG
 ACCTCACGACACTCCTCCAGCGGGACAGTGGCTTCCCGCCACCATCATGACGTGCTGTATCCCA
 AACTGTGGGTGGCCACATGATGTACCTAGTCCCATGCAGTGATGTATGCCCCACCTCGGGCCTGGCT
 GATGGCAGCCTCACCGTCTCAATGCCTTCTCTCAGGCACCATCCACATGCAGGTGTCCACAGCCAGG
 TCCAGGAGCCAGGTGGTGTCCCTCAGGTGTCTCACAGCACCGTCTGGGACCGTGCAGATCCCTGTCTC
 TGCCGTTGAGCTTACCAGATGGCTGTGATAGGACAGCAAGCTGGGAGCAGCAGCAACCTCACCGAGCTA
 CAGGTGGTGAACCTGGACGCCACCCACAGCACCAAGAGTGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR205899 representing NM_001109302
 Red=Cloning site Green=Tags(s)

MLPSQAGAAAALGRGSALGGSLNRTPTGRPGSGGTRGANGGRVPGNGAGLGPGRLEREAAAAAAPTAGA
 LYSGSEGDSESGEEEEELGAERRGLKRSLSEMELGVVGGPEAAAAAAGGYGPVSGAVSGAKPGKTRGRV
 KIKMEFIDNKLRRYTTFSKRKTGIMKKAYELSTLTGTQVLLLVASETGHVYTFATRKLQPMITSETGKAL
 IQTCLNSPDPSPRSDPSTDQRMSATGFEEPDLTYQVSESDSSGETKDTLKPFTVNLPGTTSTIQTAPS
 TSTTMQVSSGSPFPIITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGLMQLPTSFTLMPGGAVAQQ
 VPVQAIHVHQAPQQASPSRDSSTDLTQTSSSGTVLTPATIMTSSVPTTVGGHMMYSPHAVMYAPTSGLA
 DGSLTVLNAFSQAPSTMQVSHSQVQEPGGVPQVFLTAPSGTVQIPVSAVQLHQMAVIGQQAGSSSNLTEL
 QVVNLDATHSTKSE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja2607_g05.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001109302

ORF Size: 1512 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 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](#)

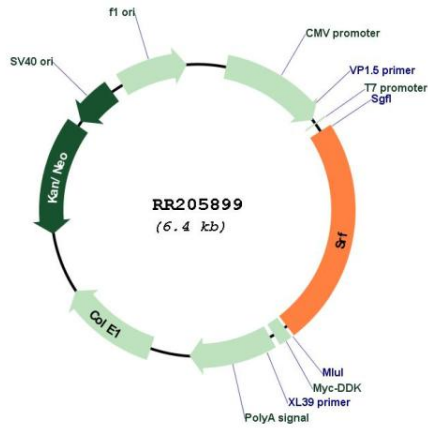
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001109302.1](#), [NP_001102772.1](#)
 RefSeq Size: 4106 bp
 RefSeq ORF: 1515 bp
 Locus ID: 501099
 Cytogenetics: 9q12
 MW: 51.2 kDa

Product images:



Circular map for RR205899