

Product datasheet for **RR200216**

Sf1 (NM_001110793) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf1 (NM_001110793) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sf1
Synonyms:	Zfp162
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RR200216 representing NM_001110793
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGACCGGAGCGAACGCCACGCCGCTGGACTTCCAAGTAAGAAGAGGAAGAGGAGCCGATGGAACC
 AAGACACAATGGAAACAGAAGACAGTGATTCCAGGCATGCCTACGGTTATCCCCCTGGCCTGACTCGGGA
 ACAAGAAAGAGCTTATATAGTCAACTACAGATAGAAGACCTGACTCGTAAACTGCGCACAGGAGACCTG
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 TTAATACTCGAGAATTCCGTACCCGAAAAAGCTTGAAGAGGAGCGGCATACCCTCATTACGGAGATGGT
 TGCTCTCAACCCAGACTTTAAACCACCTGCAGATTACAAGCCTCCAGCAACACGTGTGAGCGATAAAGTA
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 AGGTATGATGCCGCCGCCCTATGGGCATGATGCCGCCGCTCCGCCACCTCCAGTGGGCAGCCCCCG
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 CAAGGCAACCCCACTATGGTGCCCTGCCCCCGGGTCCAGCCGCTCTGCCGCCGGGGCCCCCTCCCC
 CTCCGCCGCTCCGCCACCTGGTTCCGCCGGCATGATGTATGCCCCACCCCTCCTCCTCCGCCTCCAT
 GGACCTTCTAACTTTGTCAACATGATGGGCATGGGGTGGCGGCATGCCGCCCTTCGGGATGCCTCCA
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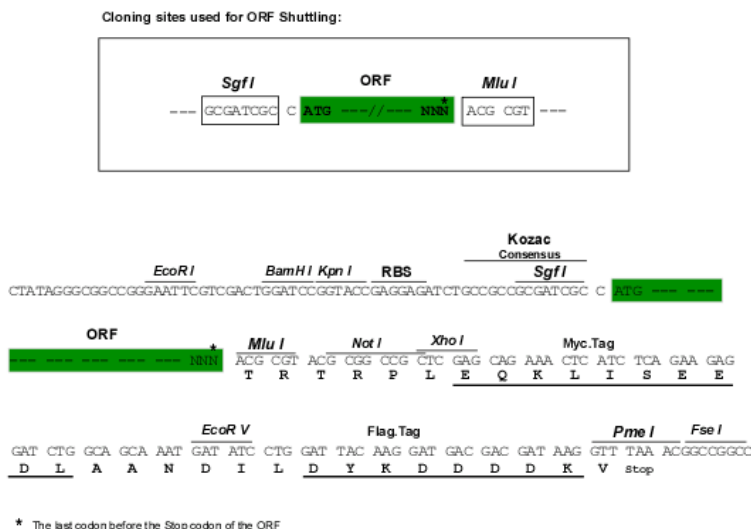
Protein Sequence: >RR200216 representing NM_001110793
 Red=Cloning site Green=Tags(s)

MATGANATPLDFPSKKRRSRWNQDTEMQKTVIPGMPYVIPPGLTREQERAYIVQLQIEDLTRKLRTGDL
GIPPNPEDRSPSPEPIYNSEGKRLNTRERFRTRKLEERHTLITEMVALNPDKFPADYKPPATRVSDKV
MIPQDEYPEINFVGLLIGPRGNTLKNIKECNAKIMIRKGKSVKEGKVGKRDGQMLPGEDEPLHALVTAN
TMENVKKAVEQIRNILKQGIETPEDQNDLRKMQRLRELARLNGTLREDDNRILRPWQSSSETRSITNTTCT
KCGGAGHIASDCKFQRPQDPQSAQDKARMDKEYLSLMAELGEAPVPASVGSTSGPATTPLASAPRPAAPA
SNPPPPSLMSTTQSRPPWMNSGPSNRPYHGMHGGGPGGPGGPHSFPHPLPSLTGGHGGHPMQHNPNP
PPPWMQPPPPMNQGHPPGHGPPMDQYLGSTVGSVYRLHQKGMMPPPPMGMPPPPPPSGQPP
PPPSGLPPWQQQQQPPPPPPSSMASSTPLPWQNTTTTTTSAGTGSIPPWQQQAAAAASPQTPQM
QGNPTMVPLPPGVQPPLPPGAPPPPPPPPSAGMMYAPPPPPPPMDPSNFVTMMGMGVAGMPFGMP
APPPPPON

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001110793

ORF Size: 1917 bp

OTI Disclaimer: 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_001110793.1, NP_001104263.1

RefSeq Size: 3400 bp

RefSeq ORF: 1920 bp

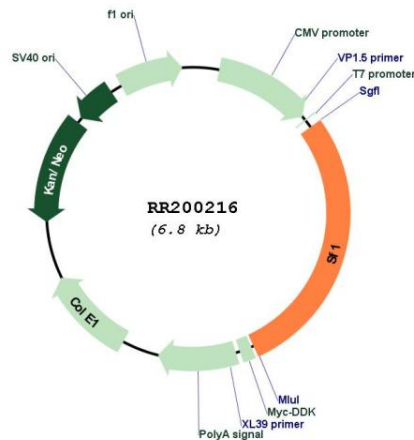
Locus ID: 117855

Cytogenetics: 1q43

MW: 68.3 kDa

Gene Summary: mRNA expression increases significantly following transient forebrain ischemia; may be activated following p53 induced apoptosis [RGD, Feb 2006]

Product images:



Circular map for RR200216