

Product datasheet for **RR200215**

Sf1 (NM_058210) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf1 (NM_058210) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sf1
Synonyms:	Zfp162
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR200215 representing NM_058210
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGGAGCGAACGCCACGCCGCTGGACTTCCAAGTAAAGAGGAAGAGGAGCCGATGGAACC
 AAGACACAATGGAACAGAAGACAGTGATTCCAGGCATGCCTACGGTTATCCCCCTGGCCTGACTCGGGA
 ACAAGAAAAGAGCTTATATAGTCAACTACAGATAGAAGACCTGACTCGTAAACTGCGCACAGGAGACCTG
 GGCATCCCCCTAACCTGAGGACAGGTCCCCTCCCCTGAGCCAATCTACAACAGCGAGGGGAAGCGGC
 TTAATACTCGAGAATTCCGTACCCGAAAAAGCTTGAAGAGGAGCGGCATACCCTCATTACGGAGATGGT
 TGCTCTCAACCCAGACTTAAACCACCTGCAGATTACAAGCTCCAGCAACACGTGTGAGCGATAAAGTA
 ATGATCCCCAAGACGAGTATCCAGAAATCAATTTGTGGGGCTCCTAATTGGGCCAGAGGGAACACCC
 TGAAGAACATTGAGAAGGAATGCAACGCCAAGATCATGATACGGGAAAGGGATCAGTAAAAGAAGGAA
 AGTTGGGCGTAAAGATGGTCAGATGTTGCCAGGAGAAGATGAACCTCTTCATGCTCTAGTACTGCCAAT
 ACAATGGAGAATGTCAAAAAGGCAGTGGAACAGATCAGAAACATCCTGAAGCAGGGTATTGAAACCCAG
 AGGACCAGAATGACCTAAGGAAAATGCAGCTTCGAGAGTTAGCTCGCTTGAATGGCACTCTACGGGAAGA
 TGATAACAGGATCTTGAGACCCTGGCAGAGCTCAGAGACCAAGCATTACCAACACGACTGTGTGTACT
 AAGTGTGGAGGGGCTGGTCACATTGCCTCTGATTGCAATTTTCAGAGGCCTGGTGACCCTCAATCAGCTC
 AGGATAAAGCACGGATGGATAAAGAGTATTTGTCCCTTATGGCTGAGCTAGGGGAAGCTCCTGTCCCTGC
 ATCTGTGGGCTCCACCTCTGGACCTGCCACCACACCCCTGGCCAGTGCACCAAGGCCTGCTGCTCCTGCC
 AGCAACCCACCACCACCTCTCTCATGTCTACAACCTCAGAGTCGCCACCCTGGATGAATTCGTGTCCTT
 CAGAGAAATCGGCCCTACCATGGCATGCATGGAGTGGTCTGGTGGCCCTGGAGGTGGCCCCACAGTTT
 CCCACACCCATTACCCAGCCTGACAGGTGGGATGGTGGACATCCCATGCAGCACAACCCAAATGGACCA
 CCACCACCTTGGATGCAGCCACCACCACCCGATGAACCAGGGCCCCACCCACCTGGGACCATTGGCC
 CTCTCCAATGGATCAGTACCTGGGAAGTACGCCTGTGGGCTCTGGGTCTATCGCTGCATCAAGGAAA
 AGGTATGATGCCGCCGCCCTATGGGCATGATGCCGCCGCTCCGCCACCTCCAGTGGGCAGCCCCCG
 CCTCTCCCTCTGGTCTTCTCCATGGCAGCAGCAGCAGCAGCAGCCTCCACCACCCCTCCGCCCA
 GCAGCAGTATGGCTTCCAGCACCCTTGCATGGCAGCAAGATCCCTCCCGCAGCAGCGATGGCCCG
 AGCCATGAGAGTGAGGACTTCCGCGCCATTGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR200215 representing NM_058210
 Red=Cloning site Green=Tags(s)

MATGANATPLDFPSKKRKRSRWNQDTMEQKTVIPGMPTVIPPGLTREQERAYIVQLQIEDLTRKLRTGDL
 GIPNPEDRSPSPPEIYNSEGRKLNTRFRTRKKLEERHTLITEMVALNPDFKPPADYKPPATRVSDKV
 MIPQDEYPEINFVGLLIGPRGNTLKNIEKECNAKIMIRGKGSVKEGKVGGRKDGQMLPGEDEPLHALVTAN
 TMENVKKAVEQIRNILKQGIETPEDQNDLRKMQRLRELARLNGTLREDDNRILRPWQSSETRITNTVTCT
 KCGGAGHIASDCKFQRPQDPQSAQDKARMDKEYLSLMAELGEAPVPASVSGSTSGPATTPLASAPRPAAPA
 SNPPPPSLMSTTQSRPPWMNSGPESENRPYHGMHGGGPGGPGGPHSFPHPLPSLTGGHGGHPMQHNPNGP
 PPPWMQPPPPMNQGPHPHGGHGGPPMDQYLGSTPVGSGVYRLHQGKGMPPPPMGMPPPPPPPSGQPP
 PPPSGPLPPWQQQQQPPPPPPSSSMASSTPLPWQQRSLPAAAMARAMRVRTFRAHW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

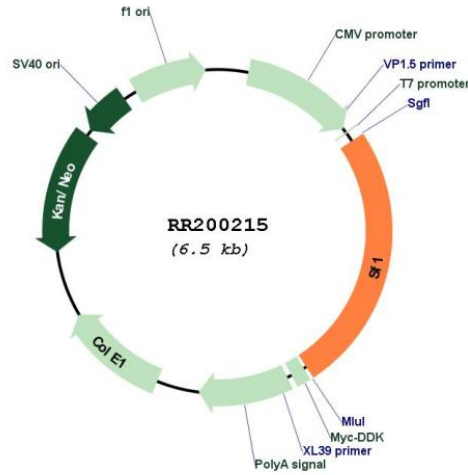
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_058210
ORF Size:	1644 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:	<ol style="list-style-type: none">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_058210.2 , NP_478117.2
RefSeq Size:	2762 bp
RefSeq ORF:	1647 bp
Locus ID:	117855
Cytogenetics:	1q43
MW:	59.7 kDa
Gene Summary:	mRNA expression increases significantly following transient forebrain ischemia; may be activated following p53 induced apoptosis [RGD, Feb 2006]