

Product datasheet for **RN200215**

Sf1 (NM_058210) Rat Untagged Clone

Product data:

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



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Fully Sequenced ORF: >RN200215 representing NM_058210
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGGAGCGAACGCCACGCCGCTGGACTTCCCAAGTAAGAAGAGGAAGAGGAGCCGATGGAACC
 AAGACACAATGGAACAGAAGACAGTGATTCCAGGCATGCCTACGGTTATCCCCCTGGCCTGACTCGGGA
 ACAAGAAAGAGCTTATATAGTCAACTACAGATAGAAGACCTGACTCGTAAACTGCGCACAGGAGACCTG
 GGCATCCCCCTAACCTGAGGACAGGTCCCCTTCCCCTGAGCCAATCTACAACAGCGAGGGGAAGCGGC
 TTAATACTCGAGAATTCCGTACCCGAAAAAGCTTGAAGAGGAGCGGCATACCCTCATTACGGAGATGGT
 TGCTCTCAACCCAGACTTTAAACCACCTGCAGATTACAAGCCTCCAGCAACACGTGTGAGCGATAAAGTA
 ATGATCCCCCAAGACGAGTATCCAGAAATCAATTTTGTGGGGCTCCTAATTGGGCCAGAGGGAACACCC
 TGAAGAACATTGAGAAGGAATGCAACGCCAAGATCATGATACGGGAAAGGGATCAGTAAAGAAGGGAA
 AGTTGGGCGTAAAGATGGTCAGATGTTGCCAGGAGAAGATGAACCTCTTCATGCTCTAGTCACTGCCAAT
 ACAATGGAGAATGTCAAAAAGGCAGTGGAACAGATCAGAAACATCCTGAAGCAGGGTATTGAAACCCAG
 AGGACCAGAATGACCTAAGGAAAATGCAGCTTCGAGAGTTAGCTCGCTTGAATGGCACTCTACGGGAAGA
 TGATAACAGGATCTTGAGACCCTGGCAGAGCTCAGAGACCAAGCATTACCAACACGACTGTGTGTA
 AAGTGTGGAGGGGCTGGTCACATTGCCTCTGATTGCAAAATTCAGAGGCCTGGTGACCCTCAATCAGCTC
 AGGATAAAGCACGGATGGATAAAGAGTATTTGTCCCTTATGGCTGAGCTAGGGGAAGCTCCTGTCCCTGC
 ATCTGTGGGCTCCACCTCTGGACCTGCCACCACACCCCTGGCCAGTGCACCAAGGCCTGCTGCTCCTGCC
 AGCAACCCACCACCACCTCTCTCATGTCTACAACCTCAGAGTCGCCCACCTGGATGAATTCGTGCTCTT
 CAGAGAAATCGGCCCTACCATGGCATGCATGGAGTGGTCTGGTGGGCTGGAGGTGGCCCCACAGTTT
 CCCACACCCATTACCCAGCCTGACAGGTGGCATGGTGGACATCCCATGCAGCACAACCCAAATGGACCA
 CCACCACCTTGGATGCAGCCACCACCACCGATGAACCAGGGCCCCCACCACCTGGGCACCATGGCC
 CTCCTCAATGGATCAGTACCTGGGAAGTACGCTGTGGGCTCTGGGCTATCGCTGCATCAAGGAAA
 AGGTATGATGCCGCCGCCGCTATGGGCATGATGCCGCCGCTCCGCCACCTCCAGTGGGCAGCCCCCG
 CCTCTCCCTCTGGTCTCTTCTCCATGGCAGCAGCAGCAGCAGCAGCCTCCACCACCCCTCCGCCCA
 GCAGCAGTATGGCTTCCAGCACCCCTTGCCATGGCAGCAAAGATCCCTCCCCGAGCAGCGATGGCCCG
 AGCCATGAGAGTGAGGACTTTCGCGCCCATTGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_058210

Insert Size: 1647 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:	<u>NM_058210.2, NP_478117.2</u>
RefSeq Size:	2762 bp
RefSeq ORF:	1647 bp
Locus ID:	117855
Cytogenetics:	1q43
Gene Summary:	mRNA expression increases significantly following transient forebrain ischemia; may be activated following p53 induced apoptosis [RGD, Feb 2006]