

Product datasheet for **MR225537**

Sf1 (NM_001110791) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sf1 (NM_001110791) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sf1
Synonyms:	BBP; MZFM; WBP4; Zfp162
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR225537 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACCGGAGCGAACGCCACGCCGCTGGACTTCCCAAGTAAGAAGAGGAAGAGGAGCCGATGGAACC
 AAGACACAATGGAGCAGAAGACAGTGATTCCAGGCATGCCACAGTTATACCCCTGGACTGACTCGGGA
 ACAGGAAAGAGCTTACATAGTGCAACTACAGATAGAAGACCTGACTCGTAAACTGCGCACAGGAGACCTG
 GGCATCCCCCTAACCTGAGGACAGGTCCCCTTCCCCTGAACCAATCTACAACAGCGAGGGGAAGCGGC
 TTAACACTCGAGAGTTCCGTACCCGAAAAAGCTTGAAGAGGAGCGGCACACCCTTATTACAGAGATGGT
 TGCTCTCAACCCAGACTTAAACCACCTGCAGATTACAAGCTCCAGCAACACGTGTGAGCGATAAAGTA
 ATGATCCCCAAGACGAATATCCAGAAATCAATTTTGTGGGGCTCCTAATTGGACCCAGAGGGAACACCC
 TGAAGAACATTGAGAAGGAATGCAACGCCAAGATCATGATTCGGGGAAAGGATCAGTGAAGAAGGGAA
 AGTTGGGCGTAAAGATGGTCAGATGTTGCCAGGCGAAGATGAGCCTTTCATGCTCTAGTACTGCCAAT
 ACGATGGAGAATGTCAAAAAGGCAGTAGAACAGATCAGAAACATCCTGAAGCAGGGTATTGAGACCCAG
 AGGACCAGAACGATCTACGAAAAATGCAGCTTCGAGAGTTGGCTCGCTTGAATGGCACTCTACGGGAAGA
 TGATAATAGGATCTTAAGGCCCTGGCAGAGCTCAGAGACGCGCAGCATTACCAATACTACTGTGTGTACC
 AAGTGTGGAGGGGCTGGTCACATTGCTTCTGATTGCAATTTTCAGAGGCCTGGCGACCCTCAGTCAGCTC
 AGGATAAAGCACGGATGGATAAAGAATATTTGTCCCTTATGGCTGAGCTAGGGGAAGCTCCTGTCCCTGC
 ATCTGTGGGCTCTACCTTGGGCTGCCACCACGCCCTGGCTAGTGCACCAAGACCTGCTGCTCCTGCC
 AGCAACCACCACCACCGTCTCTCATGTCTACAACCTCAGAGCCGCCACCCTGGATGAATTCGGTCCTT
 CAGAGAATCGGCCCTACCATGGCATGCATGGAGTGGTCTGGTGGTCTGGAGGTGGCCCCACAGCTT
 CCCACACCCATTACCCAGCCTGACAGGTGGGCATGGTGGGCATCCCATGCAGCACAACCCAAATGGACCA
 CCACCACCTTGGATGCAGCCACCACCACCAGATGAACCAGGGCCCCCACCACCTGGGACCATGGCC
 CTCCTCAATGGATCAGTACCTGGGAAGTACGCCTGTGGGCTCTGGGCTATCGCTGCATCAAGGAAA
 AGGTATGATGCCGCCGCCCTATGGGCATGATGCCGCCGCTCCGCCACCTCCAGTGGGCAGCCCCCG
 CCTCCTCCTCTGGTCTTCTCCATGGCAGCAGCAGCAGCAGCAGCCTCCGCCACCCCTCCGCCCA
 GCAGCAGTATGGCTTCCAGCACCCCTTGCTATGGCAGCAAAATACGACGACTACCACCACGAGCGCTGG
 CACAGGTCCATCCGCCATGGCAACAGCAGCAGGCGGCTGCCGAGCTTCTCCAGGAACCCCTCAGATG
 CAAGGCAACCCACTATGGTGCCCTGCCCCCGGGTCCAGCCGCTTCCCGCCCGGGGCCCTCCCC
 CTCCGCCGCTCCGCCACCTGGTTCCGCCGGCATGATGTATGCCCCACCCCTCCTCCTCCGCCTCCCAT
 GGACCTTCTAACTTTGTCAACATGATGGGCATGGGGTGGCGGGCATGCCGCCCTTCGGGATGCCTCCA
 GCTCCCCACCGCTCCACCACAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR225537 protein sequence
Red=Cloning site Green=Tags(s)

MATGANATPLDFPSKRRKRSRWQDTMEQKTVIPGMPTVIPPGLTREQERAYIVQLQIEDLTRKLRTGDL
 GIPNPEDRSPSPPEIYNSEGKRLNTRFRTRKKLEERHTLITEMVALNPDFKPPADYKPPATRVSDKV
 MIPQDEYPEINFVGLLIGPRGNTLKNIEKECNKIMIRGKGSVKEGKVGKRDGQMLPGEDEPLHALVTAN
 TMENVKKAVEQIRNLIKQGIETPEDQNDLRKMQRLRELARLNGTLREDDNRILRPWQSSETRITNTTVCT
 KCGGAGHIASDCKFQRPQSAQDKARMDKEYLSLMAELGEAPVPASVSGSTSGPATTPLASAPRPAAPA
 SNPPPPSLMSTTQSRPPWMNSGPPSENRPYHGMHGGGPGGPGGPHSFPHPLPSLTGGHGGHPMQHNPNGP
 PPPWMQPPPPMNQPHPPGHHGPPPMQYLGSTPVGSGVYRLHQKGMPPPPMGMPPPPPPPSGQPP
 PPPSGPLPPWQQQQQPPPPPPSSMASSTPLLWQNTTTTTTSAGTGSIPPWQQQAAAAASPQTQM
 QGNPTMVPLPPGVQPLPPGAPPPPPPPPGSAGMMYAPPPPPPPMDPSNFVTMMGMGVAGMPPFGMP
 APPPPPPQN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001110791

ORF Size: 1920 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_001110791.1](#), [NP_001104261.1](#)

RefSeq Size: 4361 bp

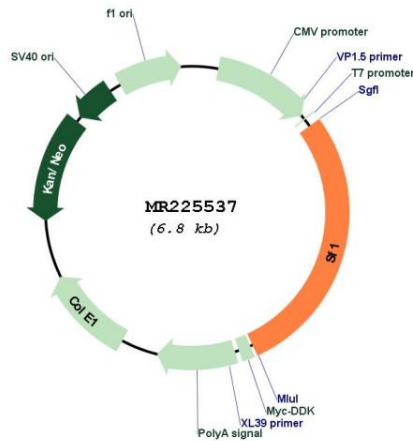
RefSeq ORF: 1920 bp

Locus ID: 22668

Cytogenetics: 19 A

MW: 68.4 kDa

Product images:



Circular map for MR225537