

Product datasheet for **RN217707**

Sbf1 (NM_001271173) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sbf1 (NM_001271173) Rat Untagged Clone
Tag: Tag Free
Symbol: Sbf1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN217707 representing NM_001271173
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGCGGCTCGGGACTACTTCGTGCTGGTGGCGTTCGGGCCGACCCGCGGGGAGTGGGAAGGCC
AGGGCCAGATCCTGCAGCGCTTCCCGGAGAAGGACTGGGAGGACAACCCTTCCCCAGGGCATTGAGCT
GTTTTGCCAGCCAGTGGGTGGCAGCTATGTCGCCGAGAGGAATCCACCAACTTTCTTTGGCTGTCTT
ACTGACATCAACTCTGAGAGGCACTACTGCGCCTGCTTGACCTTCTGGGAGCCAGTGGAGTCCACACAGG
AAGTGATGTGCACTGAAGATGCCACAGAGAAGGAGGAAGGCACATGGAGGAGGCCAAGCACAGCTGTC
ATCCACAGCCCCAGCCAACTGGCCAGCTTTTTGCTCCAAAGACTCTGGTTCTGGTGTCTCGACTGGAC
CATGCTGACGTGTTTCCAGGAATAGCCTTGGTCTCATCTATACCATCCATGTGGAAGGCCTGAACGTGAACC
TGGAGAATGTGATTGGGAATCTGCTCACGTGCACCGTCCCCTGGCAGGCGGGTCTCAGAGAACCATCTC
TTTGGGGGCTGGTGACCGGCAGGTCATTAGACCCCACTGGTAGACTCACTGCCTGTGAGCCGCTGTAGT
GTAGCCCTGCTCTTCCGCCAGCTGGGCATCACCAATGTGCTGTCTTTGTTCTGTGCTGCCCTCACTGAGC
ACAAAGTCCTCTTCTTGTCCAGGAGCTACCAACGTCTAGCCGATGCTTGCAGGGGCTCTTGGCACTGCT
GTTTCCCTCTCAGATACAGCTTACATATGTGCCATCCTGCCGGCACAGCTGCTCGAAGTCTTAGTACA
CCTACACCTTTTATCATTGGGGTCAATGCAGCCTTCCAGGCAGAGACTCAGGAGCTGCTGGACGTGATTG
TTGCCGATCTTGATGGAGGGACAGTGAAGTGTCCCTGAGTGTGTGCACATTCACCCCTGCCAGAGCCACT
ACAAAGCCAGACTCACAATGTTCTGAGCATGGTCTGGATCCAGAGCTGGAGTTGGTGCACCTTGCCCTT
CCACCCTACAACATCTGCTTCTCACTGAAAATGCAGGACAAGGAGCTCCGCGCTGTCTTTCTGCGGC
TCTTTGCTCAGCTCCTGCAGGGTTACCGCTGGTGCCTGCACATCGTGCATCCACCCGAGCCTGTGAT
TCGCTTCCATAAGGCAGCGTTCTTAGGCCAGCGTGGACTGGTGGAGGATGATTTCTGATGAAAGTGTG
GAGGGCATGGCCTTTGCAGGCTTTGTGTCAGAGCGTGGGTCCCCTACCGTTCTACAGACTGTTTGATG
AGTTGGTGGCTCATGAGGTAGCACGGATGCGAGCAGATGAGAACCATCCCACCGCTCCTGCGTACAGT
CCAAGAAGTACAGAGCAACTTTATAAAGATGAAAACCGTACCCAGCTGTGGAATGCATAAAGTGCAG
AGGCCAGGAGAGGCCAGCCACTGCGGCGGACCCATCGGCCATTCGCCCGGCTAGATGAGGGCACAGTTC
AGTGGATTGTGGACCAGGCTGCAGCCAAGATGCAGGGTGCACCTCCAGCTGTGAAGGCTGAAAGGAGGAC
CACTGTCCCTCAGGGCCCCCATGACGGCCATCTAGAGCGGTGCAGTGGGCCCTCACATCAACAGTGCC



[View online »](#)

CGTCGCCTGGAGGTGGTGCGCAACTGCATCTCCTACGTGTTTGAAGGGAAAATGCTTGAGGCAAAGAAGT
 TGCTTCCAGCTGTTCTCAGGGCCCTGAAGGGGCGAGCTGCCCGCCGCTGCCTCGCCCATGAGCTTCACT
 GCACGTACAGCAGAACCCTGCAGTTCTGGATCATCAGCAGTTTACTTTGTCGTCGCGATGATGAATTGC
 TGCTGCAGGATTGCACTTCTCTGGATGAGCACGGCATTGCGGCTGCACTGCTGCCTTTGGTCACAGCCT
 TCTGCAGGAAGCTGAGCCAGGGGTAAACGCAGTTTGCATATAGCTGTGTTGAGGAGCATGATGTGGAG
 CACACCACAGTTCTGGGAGGCCATGTTCTATGGGGATGTCAGACCCATATCCGGGCCCTCTACCTGGAG
 CTTTCTGATGGCGTGAGCCCCACCCAGGAGACTGGGGAGGCACAGTCTCAGGATGATGAACGATGTGCC
 TGGATGTGGCTTCAGAGCAGAGGCGCTATGGCCAACCCTGAGCCGTGAGAAGCAGCAGAACTGGTACA
 GAAGGAGGAAAGCACTGTGTTACAGCCAGGCCATCCACTATGCCAACCGCATGAGTACCTTCTGCTGCCT
 CTGGACAGCAGCAAGAGCCGGCTGCTGCGGGAGCGGGCAGGGTTGGGAGACCTGGAGAGTCCAGCAACA
 GCCTGGTCACCAACAGCATGGCAGGCAGTGTGGCTGAGAGCTATGACACAGAGAGCGGCTTTGAAGACGC
 AGAGACATGCGATGTGGCTGGGGCTGTGGTCCGCTTATAAACCGCTTTGTGGACAAGGTCTGCACAGAG
 AGTGGGGTACCAGCGACCACCTCAAAGGACTGCATGTCATGGTCCAGACATTGTCCAGATGCACATTG
 AGACCTGGAGGCTGTACACCGTGAAGAGTGTGTCCTCGATGGCCTTCGGGTGTACCTGCTGCCAGATGGGCGT
 ACGCCTATTGCCTGGTGAAGAGTGTGTCCTCGATGGCCTTCGGGTGTACCTGCTGCCAGATGGGCGT
 GAGGGTGTAGGAGCAGTGGAGGGGGCCCTGCTCTACTCCAGCTGAGGGTGTGCTTCTCTTACCACAT
 ACCGCGTCATCTTACGGGGATGCCTACTGACCCCTGGTGGGGAGCAGGTGGTTGTCCGCTCCTTCCC
 CGTGGCTGCGTTGACCAAGGAGAAGCGCATTAGTGTGCAGACCCTGTGGACCAGCTTCTGCAGGACGGG
 CTGCAGCTTCTGTCACATTCAGCTGCTGAAAAATGGCCTTTGATGAGGAGGTGGGATCTGCAGAGT
 CTGAGCTCTTCCGAAAGCAGCTCCACAAGTTCGGTACCACAGACATCAGGGCCACCTTTGCATTAC
 ACTTGGCTCAGCTCTCACCTGGCAGGCCGCCAGGTTACCAAGGACAAGGGTCTTTCATTGAGAACC
 CTGTCCAGGAACCTGGTGAAGAATGCTAAAAAGACCATTGGGCGCAGTATGTTACTCGTAAGAAATATA
 ACCCCCTGGCTGGGAACATCGGGGCCAGCCACCCCTGAGGACCAGGAGGACGAGATACAGTGTGAGA
 GGAGCTGGAGCCAGCACACTGACCCCTCCTCAGCCCTGAAGCCCTCTGACCGCATGACCATGAGCAGT
 CTGGTGAACGGGCATGTTGCCGTGACTACCAGCGTCTTGGACTAGGTACCCTGAGCAGCAGCCTGAGCC
 GGGCAAGTCTGAGCCCTTTCGCATCTCTCTGTTAATCGCATGTATGCCATATGTCGAGCTATCCAGG
 ATTGCTGATTGTTCCCCAGAGCATCCAGGACAATGCCCTGCAACGCGTGTCCCGTTGCTACCGCCAGAAC
 CGTTTCCCTGTGGTCTGCTGGCGCAGTGGGCGCTCCAAGGCTGTGTTGCTACGCTCTGGGGCCTGCATG
 GCAAAGGTGTTGTTGGTCTTCAAGGCCCAGAATACACCTTCTCCAGGCCAGGCCAGGCTGACTCCAG
 CAGCCTAGAGCAAGAGAAGTACCTGCAGGCTGTGGTGTAGCTCCATGCCACGTTATGCTGACTCATCAGGA
 CGAAACACACTTAGTAGCTTCTCCTCAGCCACATGGGTGGTCACTGCCCAGTCCCGAGCCAGGGTCA
 CCACGCTGTCCAACCCTTGGCGGCCTCGGCCTCCAGATGGACTGCGTCCCGAGGTAAGTGGAGCAGTGT
 CCGAGCCAGTGGTGAAGCAGTGGGCTTGGTGTGATGTGGGCTCTCGGCTGGCTGGCAGAGACCTCCTC
 AGTACTCCCCACACCAACGGAGCGCCACCTGATTCTGGTTTTCTGCGGCCGAGCGTGCAGCCCTCTACA
 TCATTGGTGACAAAGCTCAGCTCAAGGGTGTGCGCCAGACCCTTTGCAACAGTGGGAGCTGGTTCTAT
 TGAAGTATTTGAGGCAAGGCAGGTGAAAGCCAGCTTCAAGAAATGTTGAAGGCCTGTGTGCTGGTTGC
 CCTGCCACTGAGCCAGCCAGCCTCCTTCTGCGGTCACTGGAGGACTCAGAGTGGCTGATCCAGATAC
 ACAAGTGTGCAGATATCGGTGCTGGTGGTGGAGCTGCTAGACTCAGGCTCCTCTGCTTGTGAGCCT
 GGAGGATGGCTGGGACATCACCCTCAGGTGGTATCCTTGGTGCAGCTCCTCTCAGACCCCTTCTACCGC
 ACTCTGGAAGGCTTCCGCTGTAGTGGAAAAGGAGTGGCTGTCTTTGGCCATCGTTTACGCCACCGTG
 GGGCCACACCCTAGCTGGGAGAGCAGTGGCTTACACCCGCTTCTCCTGCAGTTCCTGGACTGTGTACA
 CCAGGTCCATTTGCAGTTCCTCATGGAGTTTGGTTCAGTTCAGTTCAGTTCACCTCAAGTTCCTTGGTTATCAC
 CACACATCCCGCCTTCCGGACCTTCTGCTGGACTCTGATTATGAGCGTATTGAGCTGGGACTGCTGT
 ATGAGGAGAAGGGTGAAGCAGAGGCGCAGTGGCTTGAAGTCTGTGTGGGAATATGTAGACCGGCTAAG
 CAAGAGGACCCCATGTTCTACAACACACATATGCACCTGAGGACACAGAGGTGCTGCGGCCCTACAGC
 AATGTGTCCAACCTGAAGGTGTGGATTCTACTACTGAGGAGACGCTGGCTGAGGGGCCCTTATGACT
 GGGAGCTGGCCAGGGGCTCCTGAGCCTCCAGAAGAGGAGCGTCTGATGGAGGTGCTCCCGAGCAG
 GCGCCGTGTGGTTTGGCCGTGCTATGACAGCCGCTCGAGTCCAGCCTGATGCCATCTCACGTCTGCTG
 GAGGAGCTGCAGCGATTGGAGACAGAGCTGGGACGGCCTTCTGAACGCTGGAAAGAGACCTGGGACCGAG
 TGAAAGCTGCTCAGCGCCTTGAAGGCCGCAAGATGGACGTGGTACCCCTAGCTCATTACTGGTGTGAGC
 TGTGCCACACCAGCCGCTCGCTAGGGTCTATCTACAGGAGGGGCTGTGGGCTCTACTTTAGCCCT
 AGCCTGGACAGTGACCAGAGCAGTGGCTCAACCACATCCAGCTCTCGTCAAGCTGCCCGACGGAGCACA

GCACGCTGTATAGCCAATTCAGACAGCGGAGAGTGAGAACAGGTCCTATGAGGGCACCCCTGTACAAGAA
 GGGAGCCTTCATGAAGCCCTGGAAAGCCCGTTGGTTTGTCTGGACAAGACCAAGCACCAGCTGCGTTAC
 TATGACCACCGAGTGGACACAGAATGCAAGGGTGTCAATTGACCTGGCAGAGGTGGAAGCTGTGGCACCTG
 GCACACCCACCATAGGTGCCCTAAGACTGTGGATGAGAAGGCCTTCTTCGATGTGAAGACAACACGTCG
 TGTTTACAACCTCTGTGCCAGGATGTGCCCTCAGCCCAGCAGTGGGTGGACCGGATCCAGAGCTGCCTG
 TCGGATGCC**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-RsrII
- ACCN:** NM_001271173
- Insert Size:** 5682 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001271173.1](#), [NP_001258102.1](#)
- RefSeq Size:** 6155 bp
- RefSeq ORF:** 5682 bp
- Locus ID:** 300147
- Cytogenetics:** 7q34