

Product datasheet for MC204019

Sbk1 (NM_145587) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sbk1 (NM_145587) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sbk1
Synonyms:	Sbk
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC031759

```

GGCGGAGCGGGAGCCTCAGCCGGAGCCGACGCTCAGCCCGGCCAGGCCGGGGCAGGAGCCCGCAGGGC
CGGGCTGCTCGCAGCGGGCGGCCGAACCCCGGCCCAAGATCTGCTTGTACAACCGCACACCTCAAGA
TGCTGGGACGCAGCGACCGATCCAACCCGGGCCCCCAAGATCTGCTTGTACAACCGCACACCTCAAGA
CACAGAGAGACCCAGGCTTGGGGCGCTAGCCTCCCTAATCCGCTACTCCGGCACACAGGGACCCCAAC
TAGGACAGCAAGATCCTCTTGTAAACGAGAAGCCGCGGGCACCCAAAGCCTCGGGACCCGGGCGACCA
GCCCTTTCGACGCCTTCAGCGTCCCGCTCATGGTGGTGTGGTGGCCCTGAGCCCTCTCGGGCCGGG
AGACGAAGATCGACACGGCGCCAGGCCCTGCCGCGGCGTCCCGCGGCCAGCCAGGGAGAAGAT
GAGCGTGGGCTGCCCTGAGCCTGAACCGCTCCACTCCCTGCCTTGTGTGGGCGGGGGCCGCCCTGTA
CCAGGTGCAGGTGTGCCCTCCTCACAGAAGACATGCAAGCGCTGACCCTACGCACACTGGCTGCCAGCG
ATGTTACCAAGCACTATGAGCTTGTGCGGGAGCTGGGCAAGGGACCTACGGGAAGTTCGACCTGGTGGC
TTACAAGGGCACAGGCACTAAAAATGGCCCTGAAATTTGTGAATAAGAGTAAGACAAAGCTGAAGAACTTT
CTGCGTGAGGTGAGCATACCAACAGCCTGTCGTCTAGCCCTTCATCATCAAGGTCTTTGACGTGGTCT
TCGAGACCCGAGGAGTGCTATGTCTTTGCCAGGAGTATGCACCTGCTGGGGACCTGTTTGACATCATCCC
TCCTCAGGTGGGGCTCCCAGAGGACACGGTGAAGCGCTGTGTGCAGCAGCTGGGGCTGGCGCTGGACTTC
ATGCACAGCAGGACGCTGGTGCACCGTGACATCAAGCCCGAGAATGTGCTGCTGTTTGACCGTGAGTGCC
GCCGTGTGAAGCTGGCTGACTTCGGCATGACGCGGCGCTGGGCTGCCGTGTGAAGCGCTGAGCGGCAC
TATACCGTACACAGCACCCGAGGTGTGCCAGGCTGGCCGCGCCGATGGCTTCGCGGTGGACACGGGCGTG
GACGTGTGGGCTTTGGCGTGCTCATCTTGTGTGCTACTGGCACTCCCCTGGGAGGCTGCATCGC
GTGCGGATGCCTTCTCGAGGAGTTCGTGCGCTGGCAGCGGGGTGCCTGCCGGGCTGCCATCGCAGTG
GCGCCGTTTTACCGAGCCTGCGCTGCGTATGTTCCAGCGCTTCTGGCGTAGAGCTGAGCGCGTGGG
CCCGCCAAGGAGGTCTTTCGCTTCTCAAGCACGAGCTCACATCCGAGCTGCGGGCGGCGCTTCCCACC
GTGCACGCAAGCCGCTGGGGACCGCTGCCAGGGTCCCTGCGCCTTGAGGCTCCCGGGCCACTCAAGCG
CACTGTGCTCACCGAGAGTGGCAGCGGCTCGCGGCTTCCCACCCAGCGTAGGGCCCGTGGTACCCGTG
CCAGTGCCAGTTCAGTACCCGTGCTGAGGCTGGTCTGGCTCCGCTGCACCCCGGGCAGGACCGACG
GCCGCACGGACAAGAGTAAAGGGCAGGTGGTACTGGCCACGGCCATCGAGATCTGCGTCTGAGCCGCTGC
AGCGCAGCTGCTGCGGGGAAGCCGCGCTCTAACCCGTAAGGGACAAGGAGCAGTCTTTGCGCGGCA

```



[View online >](#)

```

GTGGGAAGGAGTAGCGTAGACTAGGAGGCCAGACACCCCGTCCGGTGGTGGGCTGGTGACATAGCTAGT
AAATGACCATGCGTACGGCCGGCCTCAGCCTAGAGGAGCCAGGCCCTGACAAAGGCTGGGAGCTTGTG
GGCCAGACTCTGAGCTCTGGAACCTGAACACTCCTGGCGCTTCATACCCCTTGGCAGATAACCCTACAGT
ATTCCATCCAAACCTGGGCACAGAAAGGGGGCTTTGGTGTCCGGCAGATATGGGCATGAGATCGATCCTT
AGAAACTGGCAAAGGACAGGCACTGGGTTGATAACAGTGGTCTCCAGGAGGTCCAGGGAAGAGGCCAAGC
CCTTTAAATGTAGCAAAAGTTGTGTGCAGGAACAGACCCGATTATCTAGTGATAACCCCTCACTTCTTCT
GCTGATGGGAACCTTGAACCCAGGAGGGAGAGCTATTACTGCAGCCACGAGGCTTTGGGAACAGAGCTC
CAATGTGTGCCCTCCTGGGAGTAAGGGAGCAGATGGCTGGGGAACAGGAGGCTCGGCACCTCCTGTGTCC
CCAGGGCAATGGAGTCCATGCACAGCCAGCTGCTCCCTCCAGAGCACTCCACAAGCAGGGAAACAGTTG
TGACAGCTACTCCTGGGTTTCTGTTGCCGTACATGTCAGCCTGGGTTCTAGGCCAGTACCCCTTTCAGGG
GCAGAGCAGGTCCTGAAGTGAAGGAGGGAGTGTGATGTGTGTCTAAGTGTCCAGACACCTCACCAGGCAG
CTGCCAAGAGCCAGGCCTCTGTTTTAGCACACTCCTCAGGGAACCCAGGAGGTACTGCTGTTGGCTCC
GGTTCTTAGGCAGCAAAGCAGGGATCCACCCTGCCCGGCTCTCCTTTGGGACCTACACAAGAGGCTTG
AGGGACCTTGAATAACCTCAACACAGGCAGGCTGTGCCTTCTGCCTGGCGCCACCCAAGTGGCCAGCC
TGGGCTGCCTCTCCTAGGGTCCCTCCAAAAGTCCGGGTCATTCAAGGAGGTTCCATCTTGGGGCTGGC
TGCTAGCTAGCTACAAGGGGCACCAACACCCCTCAGCCTGGAGCCCCACCTTACACACCCCTTA
CTCCCACCACAAAGGGCTATAGGTCTCCCTGCCCTGCCTGAGTCCAGTTTACAACTGTGGTTGCTCCAG
GGCCTGCTCCTACTCTCCTGGGGTCCACCCTCCCTAGTGGACACAGGGCCACATATGCCAGGTAAGT
AGCAAACCCCTCCTCCTGCCAAGAGCCGAGTCTCAGAAGGCCCCATCACTGCCCTGGCCACCTGGGGC
CATTAGGCCCTCCTTCCAGCCGCTGCCTCTCCTCTTGCCTTAGGCCTCTCCACCCTGATCTGCAATAAC
AAGGAAGCAGATTCCACGGTAGACATCCCGCATCCCAAGCGCCCTCTCTGTTGAGATCCTGTGTGG
GAGGCTTCTCCCTTGTAGTATCTAGGATGGTAGTCCCTCAGAAGAGACCTTAGGTACGTAGCCAGCCCA
TTGTTTAGAGGCAGCAACCAGCCTGACCTGGAACAGGACTTGGACTGGGTGAGCCTCTGCTTGGCCACC
GCTGGTACTGTCTGTGCGTTGGGTTGGGACCCTTTGCCCTTAGGAGAGGTGTTGGTTACAGATGTTT
ACCTCAGTTTGAAGAAACAAAAGTGTGAAGAAACAAATAATAATAATAGCAAAAAATTAGTAACATGGT
AGACATGGAGGCTTAGAAGACAAACCACAGAGGAAACCTCCCCCTTACAAAGTTTCTGTGAAGTACAGT
TTGTTACGTACGCACACATATGTGTGCATCTCTGTCTCACCCAGGGCAGGCCAAATCATATTGACA
CCTGTCCAGCCTGTGTGCCCTCACACTGCCCTGTCTTGGTGCTTCCAGGGGCCCTTTGAGCT
GGCTTGTGGGTGTAGGAGAGCTCCCGGATGGGAAGTGAAGGCTCGGGTAGCTAGAGGTCTCCACCA
GGTTCTGTGAGCAGAGAGCCCTATGACTGTGATGTTCCCTGAGCCACAGGACAGTCTGGTGGCTGGCA
ACAGTGTCCAGTTCTGGGCAGAGCCTGGGTTGTTCTCACGCAGTAGAGCCTCACACCCCTGTCTCGCCT
CTCCTACCCCATGTGTTTGTAAATACTCTGGCTTCTTTGGCCCTGAGGAGGTTTTAAATGTGTTATTT
ACTTCTCTAACTATGACAATTGCTATAAAAAATAAAATTTAGAAAAATGAAAAAAAAAAAAAAAAA

```

Restriction Sites:

RsrII-NotI

ACCN:

NM_145587

Insert Size:

1254 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: [BC031759](#), [AAH31759](#)

RefSeq Size: 4123 bp

RefSeq ORF: 1254 bp

Locus ID: 104175

UniProt ID: [Q8QZX0](#)

Cytogenetics: 7 F3

Gene Summary: May be involved in signal-transduction pathways related to the control of brain development.
[UniProtKB/Swiss-Prot Function]