

Product datasheet for **RR205394**

Sbk2 (NM_001127539) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Sbk2 (NM_001127539) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Sbk2
 Synonyms: RGD1563279
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR205394 representing NM_001127539
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGCAAACAGTCAGAAGACAGGCCAATGGAAGTGGCAGCTGTGGAGGATGGAGGTGATGAAGGCT
 TGGGAGGCTCACGGTAGAGGAGCTGCAGCAGGGTCAGGAGGCTGCTCTGGCCTTGAAGACATGATGGC
 TCTGAGTGCCAGACCCTGGTCCGAACAGAGGTGGAAGATTGTACGAGGAAGTGCGCCCTGGGCCAG
 GGCCGGTTCGGTCTGCTGCTGGTACTCACCGCCAGAAAGGAACACCCTGGCGCTGAAGCAGCTCC
 CCAAGCACTCCACTTCCCTCCGACGCTTCTGTATGAGTTCTGCGTGGGCCCTCTCGCTTGGCACACATCC
 AGCCATCGTGGCAGCCTATGGCATTGGCATTGAGTCAGCCAATTCCTACAGCTTCTGACAGAGCCTGTT
 CTCCACGGGGACCTCATCACCTTCATCAAGCCCAAGGTGGGTCTCCACAGCCAGCAGTCCAGCGCTGTG
 CCGCCAACTGGCCTCTGCCCTGGAGCACATTCCTCCATGGCCTGGTGTACCGGGACTGAAGCCAGA
 GAATGTGCTGGTGTGACCCAGCCTGCCAGCGTGTCAAAGTACAGACTTTGGCCACACCCGGCCCCGA
 GGGACAATGCTCCGACTCACTGGGCCACCTATCCCTACACTGCCCTGAGCTCTGTGCCACACCCCTCT
 TCCCTGAGGGACTACCCATCCAACCTGCCCTGGATGCCCTGGGCTCTGGGGTCTGATCTTCTGCCTTCT
 TACTGGTACTTCCCTGGGACCAGCCCTGGTGGAGTTGACCCTTCTTGAAGACTTCTCATCTGG
 CAGGCTTCTGGCCAGCCCAAGACCGGCCACAGCCATGGTATAACCTGTACCTGCAGCAGACACTCTCC
 TGTGGGGCTGCTGGATCCTCACCCCGGAAGCGGAACCTGTAAGCTCCATCAAGAGCTATCTAGGCCA
 ACCCTGGAAGCAGAGGGAGGGGGCTGAGGAATTGACAAAGGAGCTGAGAGAAGATGGGTCGAGAGGA
 GGACAGGAGGCTGCAAGGGAGAGCAACCTGCATGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR205394 representing NM_001127539
 Red=Cloning site Green=Tags(s)

MPGKQSEDRPMEVAAVEDGGDEGLGGLTVEELQQGQEAALALEDMMALSAQTLVRTEVEELYEEVRPLGQ
 GRFGRVLLVTHRQKGTPLALKQLPKHSTSLRSFLYEFVGLSLGTHPAIVAAYGIGIESANSYSFLTEPV
 LHGDLITFIKPKVGLPQPAVQRCAAQLASALEHIHSHGLVYRDLKPENLVCDPACQRVKLTDFGHTRPR
 GTMLRLTGPPIPYTAPELCAAPPPEGLPIQPALDAWALGVLIFCLLTGYFPWDQPLVEVDPFEDFLI
 WQASGQPQDRPQWYNLSPAADTLWGLLDPHPRKRNVPSSIKSYLGQPWKQREEGAEELTKELREDGSRG
 GQEAAKGEQPAC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

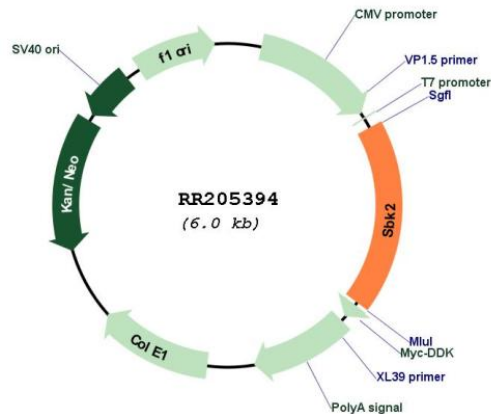
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

NM_001127539

ORF Size:	1086 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_001127539.2 , NP_001121011.1
RefSeq Size:	2360 bp
RefSeq ORF:	1089 bp
Locus ID:	691411
UniProt ID:	B1WBU5
Cytogenetics:	1q12
MW:	39.8 kDa