

Product datasheet for **RN200246**

Sh2b1 (NM_134456) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh2b1 (NM_134456) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh2b1
Synonyms:	Sh2-b; Sh2b; Sh2bpsm1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN200246 representing NM_134456
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAATGGTGCCCTTCCCAGAGGATGGGGTTTTCCCTTCTCCACCAGCGCTGCCACCACCCCTCCCC
 CAAGTTGGCAAGAGTTCTGTGAGTCCCATGCGAGGGCTGCTGCCCTGGATCTTGCTCGCCGTTTTCGCCT
 CTATCTGGCCTCCCACCCACAATATGCAGAGCCGGGAGCAGAGGCTGCCTTTTCTGGCCGTTTTGTGAG
 CTCTTCTGCAGCACTTCGAAGCTGAGGTGGCTCGGGCCTCGGGCTCACTCTCCCACCTGTCTTGGCTC
 CATTGAGCCCTGGTGTGAAATCCCACCATCACATGACCTGTCCCTTGAGAGCTGCAGGGTGGTGGGCC
 CCTGGCAGTGTGGGCCCTTCTCGATCTTCTGAGGACCTGGCTGGCCCCCTTCTTCTCAGTCTTTCC
 TCTACAACGTCTCAAAGCCGAAGCTCAAGAAACGCTTCTCCCTCCGCTCGGTGGTCTGTCAGTCAGAG
 GTTCTGTCCGAGGCATCTGCAGTGGCGGGGGCTGTTGAATCTCCCTCCAAGCTGGGCCCTTGGAGAC
 CACATCAGGTCTCCAGTCTAGGTGAAACAGCAACTCCAACCTCTGGTGGTCTGGGACAGTTGGT
 AGGGCATTGGCCAACGATGGCACATCCCCTGGGGAGAGATGGACTCATCGCTTGAGAGGCTAAGGCTAA
 GTCGTGGAGGGGGAACCTTGAGAGACGGAGCAGGAGTGATACAGAGAGAAGAGCTGCTGAGTTTCATGGG
 GGCTGAAGAGGCTGCCCCGACCCAGCAGGAGTAGGTCGTGGAGGAGGGGAGCTGGGCTGACCTCGGGA
 GGAGGAGGGCAGCCTCAGTGGCAGAAATGTCGATTACTGCTCCGAGTGAAGGAGAAGGAGGAGGAGAA
 GTCGCTTGGAGTTCTTTGTACCACCCAAGGCATCCCGGCCCGTCTTAGCATTCCCTGTTCTACTATTAC
 TGATGTCCGCACAGCCACAGCCCTGGAGATGCCTGACAGGGAGAACACGTTTGTGGTTAAGGTAGAAGGC
 CCTTCAGAGTACATCCTGGAGACAACCTGATGCATTCATGTGAAGGCCTGGTGTCTGACATCCAAGAGT
 GCCTAAGCCCAGGACCCCGCCCTGCTATCAGCCCCCGTCCCATGACCCCTCCCCTGGCCCTGGGACCTC
 TTCTCTACAAAAGGATAACACAGAGAGCCTGGAGTTGCCCTGCCTGAATCATTAGAGAGTCTGCCTAGC
 CAGGATCTTCTTGGGACCCAGCGAGAGTAACGACCCGCTGTCGAGGGAGCTTATGGAGGCTCTCAG
 ACCGGCCGTCAGCGTCTTCTCCCTAGTCTGCTCCATTGCTGCTTCCATTTTACTCAATGGAACCT
 GCTTCTCCAGAGTTGCCCTCGGATTCCATTGAGGAGGGCCTCCAGCAGGGACAGTTCATCCCCTC
 TCTACCCCGTACCCTCCCCTGGATACTCCTGAAGCAGCCACAGGGTCACTCCTTTCAAGGGGAGGCAG
 AGGGGGGTGAGGGGGACCAGCCCTCTCAGGCTACCCTTGGTCCACGGCATGCTCTCTCGGCTCAAAGC
 TGCCAGTTAGTGTAGAAGGAGTACCAGCTCCCATGGTGTCTTCTTGGTACGCCAGAGTGAGACAAGA
 CGTGGTGAATATGTCCTCACTTTCAACTCCAGGGCAAGGCTAAGCACCTGCGTTTGTCACTAAATGAGG
 AGGGTCAGTGCCGGTCCAACATCTGTGTTCCAGTCCATTTTCGATATGCTTGAGCACTTCCGGGTGCA
 CCCCATCCCTCTGGAGTCTGGAGGCTCCAGTGTGTTGTCCTTGTGAGCTATGTGCCCTCCCAGGGCAG
 CAGGAACGGAGCACCTCCCGTATCCAACCCAGCCCTCTGAACCCCTCCATGGACAGATCCCCACATC
 CTGGGGCAGAAGAGGCGTCGGGGGCGCCAGAAGTGGCGGCAGCCACAGCCGACAGCCAAAGAGAGGCA
 AGAGAAGGAGAAAGCGGGCGGGGAGGGGTCCAGGAAGAGCTGGTCCCCATGGCTGAGCTGGTCCCCATG
 GCTGAATTGGAAGAGGCCATAGCACCAGGCACTGAGGCTCAGGGTGGTGTGCTGCTAGTGGGGACTTGG
 AGGTGTCCCTAATGGTTCAGTCCAGCAGTTACCACTAGGGGGCAACGGAGAAGAAGGGGGTCAACCCCG
 AGCCATTAATAACCAGTACTCATTGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134456
Insert Size: 2271 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:	<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_134456.3 , NP_604451.2
RefSeq Size:	2991 bp
RefSeq ORF:	2271 bp
Locus ID:	89817
UniProt ID:	Q62985
Cytogenetics:	1q36
Gene Summary:	interacts with kinase-active tyrosyl-phosphorylated JAK2 [RGD, Feb 2006]