

Product datasheet for **RN216966**

Sh3bp2 (NM_001100684) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3bp2 (NM_001100684) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh3bp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216966 representing NM_001100684
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGTTTTGGGACCGGTCGTGGACATGCGCGGCACAGTCGTGTCTCAGAGACCTGCCTGGGTCCCTGGA
 ACCTGTGTCCCGCTGTGAGCTTCATGGAGGCTGAGGAAATGCATTGGCCTGTCCCATGAAGGCCATTGG
 TGCCAGAAATTTGCTGACTATGCCTGGTGGTGTGGCCAAGGCTGGTTACTTGACACAAGAAGGTTGGCACC
 CAGCTGCAACTGCTCAAATGGCCCTCCGCTTTGTGATCATCCACCAGCGCTGCATCTACTACTTCAAGA
 GCAGCACATCTGCCTCCCGCAGGGCGCCTTCTACTGAGCGGCTACAACAGAGTGATGCGGGCAGCTGA
 GGAGACCACATCCAACAATGTCTCCCGTTCAAGATCATTACATCAGCAAGAAACACCGCAGCTGGTTC
 TTCTCAGCCTCCTCTGAGGACGAGCGCAAGAGCTGGATGGCCATGCTACGCAGGGAAATGGCCACTTCC
 ATGAGAAGAAGGAACTACCTCTGGATACCAGCGACTCTAGCTCAGACACGGACAGCTTCTATGGTGCAGT
 TGAGCGACCTATAGATATCAGCCTGTTCATATCCCACAGACAACGAAGATTACGAACATGAGGATGAA
 GAAGACTCGTACTTGGAGCCTGATTCGCCGGACCCATGAAACTTGAAGATGCCCTGACCTATCCACCAG
 CCTACCCACCACCCCTGTACCTGTACCTCGGAAGCCAACCTTCTCTGACTTGGCCCGTGCCCACTCTTT
 CACCTCCAAAAGCCCAAGCCCTTACTGCCACCCACCTCCTAAGCGAGGCCTTATGGACTGCGCCCT
 GCCCTGAGGATGCTAAGAAGGACCCCTGGGCCTGAGGCGAGTAGAGCCTAGCCTCAGGGTGCCTGCTA
 CCCCTCGGAGGATGAGTGACCCCAAGTACCGTACCCACTGTGCCAACCTCCGAAACATCCTTG
 CTTCCGAGACAGTGCGAATCCTGGCCAGAACCCTGGACCCCTGGCCACGGGACTAGCTCTGTCTCCAGC
 TCTACCACCATGGCCATTACCACCTTAGGAAGTGTGACAACTCAAGTCAATTCACCTGTCTCCCGAG
 GGCCACCTGCATCTGAGCCCCACCTGTGCCTGCCAATAAACCCAAAGTTCTGAAGATAGTTGAAGAAGC
 TTCTCCAAGGGAAGCAGCAAGTCTGCACCTGTGCCCTGTGGCCCGCCAGGCCTCCGGTGCAGAAGATG
 TCCATGCCTGAGGTTACCGTTCGGCCTGCAGTGTGCCTAGACCAGAGAAGACACCTCTTCCCACTCC
 AGCGATCCCTCCGGATGGACAGAGTTTCAGGGGCTTCTCCTTTGAAAAGGCCCGTCAGCCCTCACAGGC
 TGACACTGGCGAGGAGGACTCAGATGAAGACTATGAGAAGGTGCCGCTGCCTAACTCAGTGTGTTGCAAC
 ACCACAGAGTCTGCGAGGTGAAAGGTTGTTCAAAGCCACAAACCCTCTCGGAGAGCCTCAGGATGGGC
 TGTATTGTATTCGGAACCTCTACCAAGTCAGGGAAGGCTTGGTGTGTGGGATGAATCTTCAAACAA
 AGTGAGGAATTATCGCATCTTTGAGAAGGATTCTAAGTTCTACCTGGAAGGTGAGGTTCTGTTTGAAGT
 GTGGGCAGCATGGTGGAGCACTACCACCCACGCTGCTGCCTAGCCACCAGGCCTGTTGCTGCGGCACC
 CGTACGGCTACGCTGGGCCAGG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001100684
- Insert Size:** 1776 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_001100684.1](#), [NP_001094154.1](#)

RefSeq Size: 2877 bp

RefSeq ORF: 1776 bp

Locus ID: 305450

Cytogenetics: 14q21