

## Product datasheet for **RN205462**

### Sh3bp5 (NM\_054011) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3bp5 (NM_054011) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sh3bp5
Synonyms:	Sab; SH3BP-5; Vesp18
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN205462 representing NM\_054011  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGACACGGCGCTGAAACGGAGCCGCTCTGAGGAGCCGGTGGAGCTCCCGCCGCCCGGGAGGCGG  
 AGGAGAAAAGAGGAGGAGGAAGAGAGGATGGAACAGGGCCTGGAGGAGGAGGAAGAGGTGGACCCCGGAT  
 CCAGGGAGAAGTGGAGAAGTTAAATCAATCCACCGATGACATCAACAGACGGGAGACTGAACTTGAGGAT  
 GCACGCCAGAAATTCGGTCTGTCTGGTTGAGGCGACGGTAAACTTGACGAGCTGGCGAAGAAAATCG  
 GCAAGGCTGTAGAGGACTCGAAGCCCTACTGGGAGGCCCGCAGGGTGGCAAGGCAGGCTCAGCTAGAAGC  
 GCAGAAAGCCACACAGGACTTCCAGAGGGCTACTGAGGTGCTCCGTGCAGCAAGGAGACAATCTCCCTG  
 GCCGAGCAGCGGCTGCTGGAGGATGACAAGCGCCAGTTTGACTCTGCTTGGCAGGAAATGCTGAATCACG  
 CTACTCAGAGGGTCATGGAGGCTGAGCAGACCAAGACACGGAGCGAGCTGGTGCACAAGGAGACAGCGGC  
 CAGGTACAATGCCCCATGGGCCGATGCGGCAGCTGGAGAAGAACTCAAGCGAGCCATCAACAAGTCC  
 AAGCCTTATTTTGGCTAAAGGCCAAGTACTACGTGCAGCTCGAGCAACTGAAGAAGACAGTGGATGACC  
 TTCAGGCCAAGCTGGCCCTGGCGAAAGGCGAGTATAAGGCAGCCCTGAAGAGCCTGGAGAGGATCTCGGA  
 TGAGATACACGAGCGCGCGCTCCAATGCCATGGGGCCTCGGGGCTGTGGCGTGGGGCAGAGGGCAGC  
 ATCACCTCAGTGGAGAAGCTGCCTGCAAGCAAGCCTGAGCCTGATGCCATTTCCGTGGCTTCAGAAGCCT  
 TTGAAGATGACAAGTCCATCTGAAATGCCTGACCAGTTCCTGCAGTGGCAAGGCCCGGACGCTGGAT  
 CTGCCCAGCCCTGTCCCTGTGAGGTTGGGATGATGTTCCCAATACTGGGTCCTCGAAGTGAATGCA  
 GCGGGCCCTCCTCCCTGAATGTGAGGTGGAACGAGGAGACAGAGCAGAAGGGCCGAGAATAAAATGAG  
 TGACAAAAGCCAAACAACCGGTTCTCAGCAGCACAGCGCTGGCGGTGGCAGGAGCAGGAGCCAAAGC  
 AGCACATCCCTCAGGGTCAAGCCTTGGAAACCGTATGAAGCAGCTCTCCCTACAGTGTCAAAGGAA  
 GAGAAGGAATAATTGCTGACATAAAAACGGTGCAGATTGGCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_054011
- Insert Size:** 1374 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: [NM\\_054011.1](#), [NP\\_446463.2](#)  
RefSeq Size: 2574 bp  
RefSeq ORF: 1374 bp  
Locus ID: 117186  
UniProt ID: [Q91Y80](#)  
Cytogenetics: 16p16  
Gene Summary: may bind c-Jun N-terminal kinase (JNK); may play a role in JNK and Bruton's tyrosine kinase (Btk) mediated signaling pathways [RGD, Feb 2006]