

## Product datasheet for **RN208662**

### Strbp (NM\_053416) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Strbp (NM_053416) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Strbp
Synonyms:	Spnr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN208662 representing NM\_053416  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGATCTATTAGATCTTTTGCCAATGATGATCGCCATGTTATGGTGAACATTCAACAATCTATCCTT  
 CTCAGAGGAACTTGAAGCTGTGCAAAATATGGTGTCTACTGTTGAATGTGCTCTTAAACATGTCTCAGA  
 TTGGCTGGACGAAACAAACAAAGGCACAAAACCTGAGGGGGAGACAGAAGTAAAGAAAGATGACGCTGTG  
 GAAAATATTCCAAGGATCAAGGTGGCCGGACATTGTGTGGTGAATGAGGATTGGCTTGGTTGCAAAAAG  
 GCTTGCTGATTAAGATGACATGGACCTGGAGCTGGTCTTAATGTGTAAGACAAACCCACAGAACTCT  
 GCTAAATACAGTAAAGATAACCTTCTATTCAAATTCAGAACTAACAGAAGAGAAATACCAAGTGAA  
 CAATGTATAAATGAAGCGTCCATTATAATTCGGAACACGAAAGAGCCAACACTGACTTTGAAGGTGATAC  
 TTAATCCCTCTAATTAGGGACGAATTGGAGAAGAAGGATGGAGAAAATGTTATGATGAAAGACCTCC  
 GGACTTATGGACAGGCAGAAATGCCTGAATGCCTTGGCTTCTCTCGACATGCCAAATGGTTTCAGGCA  
 AGGGCAAATGGATTAAAAATCATGTGTAATTGTCCTCCGCATTCTGCGTGATTTGTGCAACAGAGTACCCA  
 CATGGGCACCATTGAAAGGATGGCCACTAGAGCTTATATGTGAAAAGTCTATAGGTAAGTGTAAATAGACC  
 TTTGGGCGCTGGGGAGGCCTTGAGACGAGTAATGGAGTGTGGCATCTGGAATACTACTTCTGGTGGT  
 CCTGGTCTTATGATCCTTGTGAGCGAGACCAACCGATGCTCTAAGCTACATGACCACTCAGCAAAAAG  
 AAGATACACCCATAGTGACAGCATGCACTTAGACTATCAGCCTTTGGCCAGATTTATAAAGTACTGGA  
 GATGGACCCTCTCCATCTAGTAAGCCTTTTTCAGAAGTATTCTGGTCAGTACTGATAAAGAAGGTGCC  
 GGGTCTTCAGCTCTAAAGAGGCCATTTGAAGATGGATTAGGGGATGATAAAGATCCCAACAAGAAGATGA  
 AACGAAACTTAAGGAAAATTCTGGATAGTAAAGCAATAGACCTTATGAATGCACTAATGAGATTAATCA  
 GATCAGGCTGGGCTTCAGTATAAGCTTTTGTGCGAGTCTGGCCCGTCCATGCCCCAGTCTTCACAATG  
 TCGGTAGATGTGGACGGCACAACATACGAAGCCTCAGGACCATCCAAGAAAACAGCAAAGCTTCATGTGG  
 CAGTGAAGGTTTTACAGGCAATGGGATACCAACAGGTTTTGATGCAGATATTGAATGTATGAGTCCGA  
 TGAAAAATCAGATAATGAAAGCAAAAATGATACAGTATCTTCAAACCAAGCAATAACTGGAAAATGT  
 ACAACTGAGACCTCCAGTACCTTAGAGGTAAAGAACTCAGGGTCTATCCTCACAGCAAGTGGCAAAAATC  
 CTGTGATGGAGCTCAATGAAAAAGAAGAGGTCTCAAGTATGAACTCATCTCAGAACTGGTGGAAAGCCA  
 TGACAAGCGCTTGTAAATGGAGGTAGAAGTAGATGGACAGAAATTCAGAGGTGCAGGTCCAAACAAGAAA  
 GTGGCCAAGCAAGTGCAGCGCTAGCTGCCCTGAAAAGCTGTTTCTGGACCAATGCAGCAAATAATA  
 AGAAAAAGAAGATCATTCTCAGGCAAAAGGTGTTGTGAATACGGCAGTATCTGCAGCAGTCCAGGCAGT  
 TCGAGGCAGAGGAAGAGGAACTCTGACAAGGGGAGCGTTCGTGGGAGCTACAGCAGCTCCTGGATATATA  
 GCTCCAGGTTATGAACTCCATATGGTTACAGCACAGTCCCTGCATATGGTTTGCCTCAAGAGAATGG  
 TTCTGTTACCCGTTATGAAATCCCAACATATCTGTTCCCACTACTCATTCTTT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_053416

**Insert Size:** 2019 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\\_053416.2](#), [NP\\_445868.2](#)

**RefSeq Size:** 3065 bp

**RefSeq ORF:** 2019 bp

**Locus ID:** 84476

**Cytogenetics:** 3q11

**Gene Summary:** binds double stranded RNA; may form a dimer with dsRNA-dependent protein kinase PKR; may play a role in regulation of cell growth [RGD, Feb 2006]