

Product datasheet for **MC220327**

Strbp (NM_009261) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Strbp (NM_009261) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Strbp
Synonyms:	6430510M02Rik; AI852513; C86322; C230082I21Rik; Spnr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220327 representing NM_009261
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGATCTATTAGATCTTTTGCCAATGATGATCGCCATGTTATGGTGAACATTCAACAATCTATCCAT
 CTCAGAGGAACTTGAAGCTGTGCAAAATATGGTGTCTACTGTTGAATGTGCTCTTAAACATGTCTCAGA
 TTGGCTGGACGAAACAAACAAAGGCACAAAACCTGAGGGGAAACAGAAGTAAAGAAAGATGAAGCTGTG
 GAAAATATTCCAAGGATCAAGGTGGCCGGACATTGTGTGGTGAATGAGGATTGGCTTGGTTGCAAAAAG
 GCTTGCTGATTAAGATGATATGGACCTGGAGCTAGTCTTAATGTGCAAAGACAAACCCACGGAAACCT
 GTTAAATACAGTTAAAGATAACCTTCTATTAGATTAGAACTAACAGAAGAGAAATACCAAGTGAA
 CAATGTATAAATGAAGCATCCATTATAATTCGGAACACGAAAGAGCCAACACTGACTTTGAAGGTGATAC
 TTAATCCCTCTAATTAGGGACGAATTGGAGAAGAAGGATGGAGAAAATGTTATGATGAAAGACCTCC
 GGACTTATGGACAGGCAAAAATGCCTGAATGCCTTGGCTTCTCTCGACATGCCAAATGGTTCCAGGCA
 AGGGCAAATGGATTAAAAATCATGTGTAATTGTCCTCCGCATTCTGCGTGATTTGTGCAACAGAGTACCCA
 CATGGGCACCATTGAAAGGATGGCCACTAGAGCTTATATGTGAAAAGTCTATAGGTAAGTGTAAATAGACC
 TTTGGGCGCTGGGGAGGCCTTGAGACGAGTAATGGAGTGTGGCATCTGGAATACTACTTCTGGTGGC
 CCTGGTCTTATGATCCTTGTGAGCGAGACCCAACAGATGCTCTAAGCTATATGACCACTCAGCAAAAAG
 AAGATATTACCCATAGTGACAGCATGCACTTAGACTATCAGCCTTTGGCCAGATTTATAAAGTGTGGA
 GATGGACCCTCTCCGTCTAGTAAGCCTTTTTCAGAAGTATTCTGGTCAGTACTGATAAAGAAGGTGCT
 GGGTCTTCAGCTCTAAGAGGCCATTTGAAGATGGATTGGGGATGATAAAGATCCCAACAAGAAGATGA
 AACGAAACTTAAGGAAAATTCTAGATAGTAAAGCAATAGACCTTATGAATGCACTAATGATTAATCA
 GATCAGGCCCGGCTTCAGTATAAGCTTTTGTCACAATCTGGCCCGTCCATGCCCCAGTCTTCACAATG
 TCTGTAGATGTGGATGGCACAACATATGAAGCCTCAGGACCATCCAAGAAAACAGCAAAGCTTCATGTGG
 CAGTGAAGGTTTTACAGGCAATGGGATACCCAACAGGTTTTGTGCAGATATTGAATGTATCAGTCCGA
 TGAAAAATCAGATAATGAAAGCAAAAATGATACAGTATCTTCAAACCAAGCAATAACTGGAAATCT
 ACAACTGAGACCTCCAGTACCTTAGAGGTAAAGAACTCAGGGTCTATCCTCACAGCAAGTGGCAAAAATC
 CTGTGATGGAGCTCAATGAAAAAGAAGAGGTCTCAAATGAACCTATCTCAGAACTGGTGGAAAGCCA
 TGACAAGCGCTTGTAAATGGAGGTAGAAGTAGATGGACAGAAATTCAGAGGTGCAGGTCCAACAAGAAA
 GTGGCCAAGGCAAGTGCAGCACTAGCTGCCCTGGAGAAGCTGTTTCTGGACCAATGCGGCAAATAATA
 AGAAAAAGAAGATCATTCTCAGGCAAAAAGGTGTTGTGAATACAGCAGTATCTGCGGCAGTCCAGGCAGT
 TCGGGGACAGGAAGAGGAACTCTGACAAGGGGAGCATTCTGGGGGCTACAGCAGCTCCTGGATATATA
 GCTCCAGGTTACGGAACCCCATATGGTTACAGCACAGTCCCCCTGCATATGGTTTGGCCAAAGAGAATGG
 TTCTGTTACCCGTTATGAAATCCCAACATATCTGTTCCCACTACTCATTCTTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_009261
- 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_009261.3](#), [NP_033287.2](#)

RefSeq Size: 16348 bp

RefSeq ORF: 2019 bp

Locus ID: 20744

UniProt ID: [Q91WM1](#)

Cytogenetics: 2 B

Gene Summary: Involved in spermatogenesis and sperm function. Plays a role in regulation of cell growth (By similarity). Binds to double-stranded DNA and RNA (By similarity). Binds most efficiently to poly(I:C) RNA than to poly(dI:dC) DNA (By similarity). Binds also to single-stranded poly(G) RNA (By similarity). Binds non-specifically to the mRNA PRM1 3' UTR and adenovirus VA RNA. [UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 both encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.