

Product datasheet for **RN215138**

Bsprit (NM_022261) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bsprit (NM_022261) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bsprit
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215138 representing NM_022261
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCCTCGGATGTCTCCGGACGGAGTCCGGTCCGAGTCCGGCCGGAGTCGGTTCGGAGCCGGTG
 CGGAGCCCGGGCCGGAGCCGGAGTCGGAGCCGGGGCCGGGGCCGGCGCCGGGGCCGGGGCCGGC
 GCCGGGGCCGGACCGGACTGGGGCGGAACCGGGCAGAGGTACCGCATGCCAGTTGTGCCCGAG
 CACGGGAAGCCTCTGAGCTGTTCTGCCTCTCGGAGCGACGACCGGTATGCGCCACCTGCGCCGGTTT
 GCGGCCGATGTACCGGCACCGCATCCGCCGAGCGGAGGACGCTGAGGAGCTGAGAAACAAGATTGT
 GGACCACTGTGAGAAGCTGCAGTTACAGAGTCTGGCATCACCAAGTATGTGGCCGAGGTCTGCAGGG
 AAGAACCAGAAAGCAATGATCATGGCTAATGCAACGAGGGAAGTATCATCCAGAGTTGAGTCTGGTGA
 GGTGCCTGTGTGAGAGTGAGGAACAGCGATTACTGGAGCAGGTGCACAGCGAAGAGGAGCGGGCCACCA
 GTGCATCTGACTCAGAGGGCACACTGGGATGACAACTCCGAACTGGACTCCCTCCGACCAGCATG
 GTGGACATGCTACCCATCTGAATGACCTCCAGCTGATTCAGATGGAGCAGGAGATTCTTGAGAGGGCCG
 AGGAAGCAGAGGGCATTTTGGAGCCCCAGGAGTCGGAGAAATTAAGCTTTAATGAGAAGTGTGCTTGGAG
 CCCTCTACTGACTCAACTGTGGGCAACATCGGTTCTCGGGTCTCTCTCAGGCATGGAGGATGTGCTTATT
 GATGAAAGGACTGTGGCCCTTATTGAATTTGTCCGAAGATCGAAAGACCCTGACCTTCAATGCCAAGA
 AGTCCAAGGTCTGCTCAGATGACCCAGAGCGCTTTGACCACTGGCCCAATGCCCTGGCTGTCAATGCCTT
 CCAGACTGGGCTCCATGCCTGGGCGAGTGAATGTTAAACACAGCTGTGCTTACAAAGTGGGTGTGGCTCA
 GCTCAGCTGCCCCGAAAGGGTTCTGGCAGTGACTGCCGCTGGGCCACAATGCCTTCTCTGGGTCTTCT
 CCCGCTATGATCAAGAGTTCTGTTTCTCACACAACGGGAACCATGAACCTCTGGCGCTCCTCCGGTGCCC
 AACACAGCTGGGCTGCTGTTGGACCTGCAGGCAGGAGAGCTGATCTTCTACGAGCTGCCTCAGGGACA
 GTGCTTACATCCACCGTGAGTCTTCCGCACAGGCTCTTCCAGTCTTTGCTGTGGCCGACCAGGTCA
 TCTCCATCGTTTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_022261

Insert Size: 1347 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_022261.2, NP_071597.2

RefSeq Size:	2206 bp
RefSeq ORF:	1347 bp
Locus ID:	64027
UniProt ID:	<u>Q6P6S3</u>
Cytogenetics:	5q24
Gene Summary:	interacts with 14-3-3 zeta proteins; may play a role in specialized submembrane domains [RGD, Feb 2006]