

Product datasheet for **MC216705**

Bspry (NM_138653) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bspry (NM_138653) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bspry
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216705 representing NM_138653
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTCGCGGATGTCTCCGGACGAGTCCGGTCCGAGTCCGGGCCGGAGCCGGAGCCGGACCGGAGC
 CCGGACCGGAGTCCGACCGGAGTCCCGCCGAAGCCGGGACCGGAGCCAGACCCGAGTCCGG
 GCCGGAGCCGGGCCGCGATCCGACTGAGGAGGGGACCGAAGCAGGGGTCCGAGCGGAGCCAGTTGTGC
 CCCGAGCACTTCGAGCCTCTGAGCTGGTCTGCCTCTCGAGCGACGCCGGTATGCGCCACCTGCGCCG
 GGTTTGGCGGCCGCTGTACCGGCACCGCATCCGTCGAGCGGAGGAGCACGCGGAGGAGCTGAGAAACA
 GATTGTGACCACTGTGAGAGGCTGCAGTTACAGAGTCTGCGATCTCCAAGTATATGGCCGAGGTCCTG
 CAGGGGAAGAACAGAAAGCAGTGGTATGGCTAGTGCAGCGAGGACCTGATCATCCAGAGGCTGAGTC
 TGGTCCGAGCCTGTGTGAGAGTGAAGAACAGCGGTTATTGGAGCAGGTGCACGCGAAGAGGAGCGGGC
 CCACCAGAGTATCTGACTCAGCGGGCACACTGGGTGGACGCAGTCCAGAACTGGACACCCTCCGCACC
 AACATGGTGGACATGATACCCACCTGGATGACCTCCAGCTGATTCAGAGGGAACAGGAGATTTTGA
 GGGCCGAGGAAGCAGAGGGCATTGGATCCCCAGGATTCGGAGAAATTAAGCTTTAATGAGAAGTGTGC
 TTGGAGCCCACTACTGACGCAACTGTGGGCAGCATCGTTCTCGGGTCTCTCAGGCGTGGAGGAGGTG
 CTGATTGATGAAAGGACTGTGAGCCCTTACTGCATCTGTCTGAAGATCGAAGGACCCTGACCTTCATTG
 CCAAGAAGTCTAAGGTCTGCTCAGATGAACCAGAGCGCTTGACCACTGGCCCAATGCCCTGGCTGCCAC
 TGCTTCCAGACTGGGCTCCATGCCTGGATAGTGAACGTTAAACAGTTGTGCTTATAAAGTGGGTGTG
 GCCTCAGATCAGCTGCCCCGAAAGGGCTCTGGCAATGACTGCCGCTGGGCCACAATGCCTTCTCCTGGG
 TCTTCTCCGCTATGATCAAGAGTTCTGTTTCTACACAATGGGTATCATGAGCCTCTGCCACTACTTCG
 GTGCCAGCACAGCTGGGCATGCTGCTGGACCTGCAGGCAGGAGAGCTGGTCTTCTACGAGCCTGCCTCA
 GGGACGGTGCTTCATATCCACCGTGCCTCCTCAGGTGCTCTTCCAGTCTTTGCTGTGGCTGACC
 AGCTCATCTCCATCGTTCCGCGGACCTCTGGCCACAGTGAAGTAGATTACCTCCCATCACCTTGCAG
 CATACGAAGGACAACCTGCCAGGATACTGTTGGCCAGAACGTCGTCGTGGGAGTGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_138653
- Insert Size:** 1461 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_138653.1</u> , <u>NP_619594.1</u>
RefSeq Size:	1743 bp
RefSeq ORF:	1461 bp
Locus ID:	192120
UniProt ID:	<u>Q80YW5</u>
Cytogenetics:	4 B3
Gene Summary:	May regulate epithelial calcium transport by inhibiting TRPV5 activity.[UniProtKB/Swiss-Prot Function]