

Product datasheet for SC316164

BSX (NM_001098169) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BSX (NM_001098169) Human Untagged Clone
Tag:	Tag Free
Symbol:	BSX
Synonyms:	BSX1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316164 representing NM_001098169. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
 ATGAATCTCAACTTCACCTCTCCTCTACACCCGGCGTCTCTCAGAGGCCACATCCTTCTTCATCGAG
 GACATCCTGCTGCACAAGCCCAAGCCGCTGAGAGAGGTGGCCCCAGACCATTTCCGACGCTCTTGCC
 TCTCGGGTGCCTCTGCTAGACTATGGCTACCCCTCATGCCACACCCACCCTCTTGCTCCTCACGCC
 CATCACCTCTGCATAAGGGAGACCACCATCATCTTATTTCTCACCACCTCGGGGATGCCAGTCCCA
 GCGCTGTTCCCGACCCGACGACGCGGAGCTGCCGGGAAGCACTGCCGCCGCCGAAAGCCCGCAGC
 GTTTTCTCTGACTCGCAGCTCTCGGGCTTGAGAAGAGGTTGAGATCCAGCGCTACCTGTCCACGCCA
 GAACGAGTGGAGCTGGCCACGGCCCTCAGCCTGTCCGAGACGAGGTGAAACGTGGTTCCAGAACCGG
 CGGATGAAGCATAAAAAGCAACTGCGGAAAAGCCAAGACGAACCCAAAGCACCAGACGGGCCAGAAAGC
 CCCGAGGGCAGCCCCCGGGTTAGAGGCCGCCACCGCCGCCGAGGCTCGGCTGAGCCTGCCCGCCGGT
 CCCTTCGTGCTGACCGAGCCAGAGGACGAGGTGGACATTGGAGACGAGGGGGAGCTGGGCTCAGGGCCG
 CACGTGCTCGA
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001098169
Insert Size:	702 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001098169.1</u>
RefSeq Size:	702 bp
RefSeq ORF:	702 bp
Locus ID:	390259
UniProt ID:	<u>Q3C1V8</u>
Cytogenetics:	11q24.1
MW:	25.9 kDa
Gene Summary:	DNA binding protein that function as transcriptional activator. Is essential for normal postnatal growth and nursing. Is an essential factor for neuronal neuropeptide Y and agouti-related peptide function and locomotory behavior in the control of energy balance (By similarity).[UniProtKB/Swiss-Prot Function]