

Product datasheet for MC213201

Bsx (NM_178245) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bsx (NM_178245) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Bsx
Synonyms:	Bsx1a; Bsx1b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC213201 representing NM_178245 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAATCTCAACTTCACTTCCCCTTTCATCCAGCATCTTCTCAGAGGCCACGTCGTTTTTCATCGAGG
ACATTCTGCTACACAAGCCCAAGCCGTTGAGGGAAGTGGCCCCTGACCACTTTGCCAGCTCTCTGGCCTC
TAGGGTGCCTTTGCTAGACTATGGCTACCCCTTATGCCACACCCACCCTCCTCACCCCTCAGCTCAT
CATCCTCTGCATAAGGGAGATCACCACTCCTTATTTCTGACCACTCAGGGATGCCGGTCCCGGCGC
TGTTCCCGCACCCGACGACGCGGAGTTGCCCGGAAGCACTGCCGCGCCGCAAAGCTCGCACGGTGT
TTCTGACTCGCAGCTCTCCGGCCTGGAGAAAAGGTTTCAAATCCAGCGCTACCTGTGCAGCCAGAGCGT
GTGGAGCTGGCCACTGCCCTCAGCCTCTCAGAGACTCAGGTGAAAACGTGGTTCCAGAACCAGCGGATGA
AGCATAAAAAGCAGCTGAGGAAAAGCAAGACGAACCGAAAGCGGCAGACGGGCCGAGAGCCCCGAAGG
CAGCCCTCGTGTCCCGAGGGCGCGCCCGCCGACGCTCGGCTGAGCCTGCCGCGCGTGCCTTCGTGCTT
ACTGAGCCCGAGGACGAAGTGGACATTGGGGATGAAGGCGAGCTCAGCTCAGGGCCGATGTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_178245
Insert Size:	699 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).
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_178245.3</u> , <u>NP_839976.1</u>
RefSeq Size:	875 bp
RefSeq ORF:	699 bp
Locus ID:	244813
UniProt ID:	<u>Q810B3</u>
Cytogenetics:	9 A5.1
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. [UniProtKB/Swiss-Prot Function]