

Product datasheet for MC208025

Ibsp (NM_008318) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ibsp (NM_008318) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Ibsp
 Synonyms: BSP; Bsp2; BSP II; BSPII
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC208025 representing NM_008318
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGACTGCTTTAATTTTGTCTCAGCATTTTGGGAATGGCCTGTGCTTTCTCGATGAAAAATTTCCATC
 GAAGAATCAAAGCAGAGGATTCTGAAGAAAACGGGTCTTTAAGTACCGCCACGCTACTTTCTTTATAA
 GCATGCCTACTTTTATCCTCCTCTGAAACGGTTTCCAGTCCAGGGAGGCAGTGACTCTTCAGAAGAAAAT
 GGAGACGGCGATAGTTCCGAAGAGGAGGGGAGGAAGAGGAGACTTCAAACGAAGAGGAAAAACAATGAAG
 ATTCTGAGGGGAATGAAGACCAGGAGGGCGAGGACAGAACTCCACACTTTCCACACTCTCGGGTGTAAAC
 AGCTAGCTACGGAGCAGAGACCACCCCAAGCACAGACTTTTGTAGTTAGCGGCACTCCAAGTCCCAAG
 AAGGCTGGAGATGCAGAAAGCAGGGCTCCAAAAGTGAAGGAAAGCGACGAGGAAGAAGAAGAAGAGG
 AAGAGGAAGAAAATGAGAACGAAGAAGCAGAAGTGGATGAAAACGAGCTGGCGGTCAACGGCACCAGCAC
 CACTCCACGGAGGTGGATGGCGGGAATGGCAGCAGCGGAGGAGACAACGGAGAAGAAGCCGAAGCAGAG
 GAGGCAAGCGTCACTGAAGCAGGTGCAGAAGGAACACAGGGGGCAGGAACTGACCAGTGTGGCACCC
 AGACAGTGTCTTCTGAACGGTTTTCAGCAGACAACCCACCGCCGAAGCCTATGGGACCACCTCGCC
 ACCGATCAGAAAAGCAGCACCGTTGAGTATGGGGGAGAATACGAACAAACAGGCAACGAATACAACAAT
 GAGTATGAAGTCTATGACAACGAGAACGGGAGCCTCGTGGCAGACTTACCGAGCTTATGAGGATGAAT
 ACAGCTACTACAAGGGGCATGGCTATGAAGGCTACGAGGGTCAGAATTACTACCATCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_008318
 Insert Size: 975 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:	NM_008318.3 , NP_032344.2
RefSeq Size:	1955 bp
RefSeq ORF:	975 bp
Locus ID:	15891
UniProt ID:	Q61711
Cytogenetics:	5 50.68 cM
Gene Summary:	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction. Promotes Arg-Gly-Asp-dependent cell attachment (By similarity).[UniProtKB/Swiss-Prot Function]