

Product datasheet for RN207755

Ibsp (NM_012587) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ibsp (NM_012587) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ibsp
Synonyms:	Bsp
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207755 representing NM_012587 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGACTGCTTTAATCTTGCTCTGCATTTTGGGGATGGCGAGTGCTTTCTCGATGAAAAATTTCCATA
GAAGAATCAAAGCAGAGGATTCTGAAGAAAACGGGTCTTTAAGTACCGCCACGCTACTTTCTTTATAA
GCATGCCTACTTTTATCCTCCTCTGAAACGGTTTCCAGTCCAGGGAGGCAGCGACTCTTCGAAGAAAAT
GGAGATGGCGATAGTTCCGAGGAGGAGGGGAGGAAGAGGAGACTTCAAATGAAGAGGAAAAACAACGAAG
ACTCTGAGGGGAATGAAGACCAGGAGGGCGAGGACAGAAACGCCACACTCTCAGGGTAACCGCTAGCTA
CGGGGTAGAGACCACAGCTGACGCTGGAAGTTGGAGTTAGTGCCTCCAGCTACCCAAGAAGGCTGGA
GATGCAGAGGGCAAGGCTCCAAAAATGAAGGAAAGCGACGAGGAAGAGGAAGAGGAAAGAGGAGGAAGAAA
ACGAGAACGAAGAAGCAGAAGTGGATGAAAATGAGCAGGTCGTCAACGGCACCAGCACCAACTCCACGGA
GGTGGACGGGGGAATGGCCCCAGCGGAGGAGACAACGGAGAAGAAGCCGAGGAGCAAGCGTCACTGAA
GCAGGTGCAGAAGGAACAACAGCAGGGGCCAGGGAGCTGACCAGTTATGGCACCACGACAGCTGTCTTC
TGAACGGGTTTCAGCAGACGACCCGCCACCCGAAGCCTATGGGACCCTCCCCACGCCAGAAAGAG
CAGCAGGTTGAGTATGGGGAAGAATACGAACAATAGGCAACGAGTACAACACTGCGGTATGAAACCTAT
GACGAGAACAACGGGAGCCTCGCGGGACACTTACCGAGCTTATGAGGACGAATACAGCTACTACAAGG
GGCATGGCTATGAAGGCTACGAGGGTCAGGATTATTACTACCACCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012587
Insert Size:	960 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_012587.2 , NP_036719.2
RefSeq Size:	1948 bp
RefSeq ORF:	960 bp
Locus ID:	24477
Cytogenetics:	14p22
Gene Summary:	extracellular matrix protein that binds hydroxyapatite; involved in bone formation [RGD, Feb 2006]