

Product datasheet for **SC207132**

Osteopontin (SPP1) (NM_001040058) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Osteopontin (SPP1) (NM_001040058) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SPP1
Synonyms: BNSP; BSPI; ETA-1; OPN
ACCN: NM_001040058
Insert Size: 545 bp
Insert Sequence: >SC207132 3'UTR clone of NM_001040058
The sequence shown below is from the reference sequence of NM_001040058. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TTAGATAGTGCATCTTCTGAGGTC AAT TAA AAGGAGAAAAATACAATTTCTCATTTCATTTAGTCA
AAAGAAAAATGCTTTATAGCAAAATGAAAGAGAACATGAAATGCTTCTTTCTCAGTTTATTGGTTGAA
TGTGTATCTATTTGAGTCTGAAATAACTAATGTGTTTGATAATTAGTTTGTGGCTTCATGGAA
ACTCCCTGTAAACTAAAAGCTTCAGGGTTATGTCTATGTTCACTTATAGAAGAAATGCAAACTATCAC
TGTATTTAATATTTGTTATTCTCTCATGAATAGAAATTTATGTAGAAGCAAAACAAAATACTTTTACCC
ACTTAAAAAGAGAATATAACATTTTATGCTACTATAATCTTTTGTTTTTTAAAGTTAGTGTATATTTGT
TGTGATTATCTTTTGTGGTGTGAATAATCTTTTATCTTGAATGAATAAGAATTTGGTGGTGTCAAT
TGCTTATTTGTTTTCCACGGTTGTCCAGCAATTAATAAACATAACCTTTTTTACTGCCTA
ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001040058.2](#)



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Summary: The protein encoded by this gene is involved in the attachment of osteoclasts to the mineralized bone matrix. The encoded protein is secreted and binds hydroxyapatite with high affinity. The osteoclast vitronectin receptor is found in the cell membrane and may be involved in the binding to this protein. This protein is also a cytokine that upregulates expression of interferon-gamma and interleukin-12. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Locus ID: 6696

MW: 20.9