

Product datasheet for **SC202353**

BMP2K (NM_198892) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BMP2K (NM_198892) Human 3' UTR Clone
Symbol:	BMP2K
Synonyms:	BIKE; HRIHFB2017
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198892
Insert Size:	2000 bp



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Insert Sequence: >SC202353 3'UTR clone of NM_198892
 The sequence shown below is from the reference sequence of NM_198892. 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
GGTGCTGCTCCATTTCTTCTAAACAGTAGATACTTCTGATGGATTCTCGGCATTAACCTCTGTTTCAA
AAAAGTGTGAACAGTTTTATGAATTTGAAAGAAAATTTGGTAGCTCTTTATAGCATTCTTTAAAGA
TCAGTCAGAATAGGTGATTTCTAAATAAACCAAAATAGAAGAATGAAGTATCTCTACAGGGTAGTAACCTT
GATTCCTCTTCAGGAGAAAAGGGAGCTAAATTGCAAGCTCTAACTAAGGGTTTCTGCTACTGACATCAC
AACACAGAAAATGCAAGTGTGGTACTTCCAGTCAAAGCACATGGCACCTTTCTAGGTGTGTAGCCACTGA
GAAGGGACAGTGAAGCTGTTATTTTTGATATCAGAATGCATTTTTATGTGCATATCCCTAAAATTAGG
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AAAACAATCTAGTTATCTTAAAGCATTAGAAAGTTATTATCTGGAGAGTGCAGAGATTTCCAGTCCATAC
ACTTTTCTCCACAAAGCAGAGCCAGAAGTAACTGACTATTGTGCCTAAAACCTCTGTTTCATTTTTAAAA
ACAAGTGCCATTAATGGAATATCTAATGATAAGCATATGAAATAAATGTGTAATTAGCTCAATTTAAC
TATTCACAACCTACATATTTCCAAAACAATGTTATACATGATAAATATATAATTTTTGTGAGTTAAA
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TTACAATGTGAAATCATGTTGCATTTAACAATGTACTTTATTAGCACTTCACCAATATTTCCCAAGT
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ACCCCCAAAGCCTTATATAAAGGCAGGATTCATGCATCCTGCTGCAAGTACCTCTGCACTAATATAC
CAGATCTAAAATGCATATAAGGTGGACTAGCATCTTAATTCTGCTAGTTGATTGTCTTTACTGAAA
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ATCATTAAATGATAGAGATTACATATGTGAATTAATGTGAATATAGTATCTGTGCTTCTGTGCTATG
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TTCGATCTCAAAGTATATTTACGAGTAATTTATTAGGAATCTCTTATAGTGCCCAATGGGATAAGC
TATTTGCCTATTTTACAGTTTCTGAACTTGAAAGAAAGCAAAGTATATGTAACCTAAACCACATATTTGT
CTTTTTATTGCTTTTTCCCTTCTTTTATATGCTAAATCAATATAGATTTGTGGATAGGGAAGCAATAT
GTGAATCAATGTAGCAGAGGCAGACCAAGCATTACATTATTTAGAGCTGGACTGCACCAATTAC
TTGTCCTCGTGCCAAAGGCAAAATATGTTTGACCTTTTTTTTTTTTTCTGATTCTCAGGTTGATTAATA
CTGCTAATGCAATGCTCAAGTAGATGTTAAAAAATTTACAAAATAGATTCAAGTGATACTTTCTTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_198892.2](#)

Summary:

This gene is the human homolog of mouse BMP-2-inducible kinase. Bone morphogenic proteins (BMPs) play a key role in skeletal development and patterning. Expression of the mouse gene is increased during BMP-2 induced differentiation and the gene product is a putative serine/threonine protein kinase containing a nuclear localization signal. Therefore, the protein encoded by this human homolog is thought to be a protein kinase with a putative regulatory role in attenuating the program of osteoblast differentiation. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID:

55589

MW:

77.4