

Product datasheet for SC207075

BMP2K (NM_017593) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BMP2K (NM_017593) Human 3' UTR Clone
Symbol:	BMP2K
Synonyms:	BIKE; HRIHFB2017
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_017593
Insert Size:	536 bp
Insert Sequence:	>SC207075 3'UTR clone of NM_017593 The sequence shown below is from the reference sequence of NM_017593. 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
CACTTGAAGGCTTATTTTGTTCACAGTAAATAACAGCTCTATTATTTCAGCAAGGCCAAAGACTT
TTGAGAATGTGTATGGAAAATCTTTTGTGCATTTGAGGGCAAATTCAGGCCATCTTCTTATACATA
TACTATCAAATTATGTTGTGTGCATTAGAAATCAGTTGCTTGATAGTAGCTATTAACCCAATATTGCT
GATAGTATGCTAATATCCTAAAACCTAAATATTGCATATCTATGAATGTTAAATTCAGAATATCTCTAA
AACATGGAAAATTGATGTTTCAATAAAAAGGGAGACATTTTATTATTTTGCCTTACTAATGATTTTGCA
GCTCTGTTTTTCTGCACACTCAATAGAAAATATTGTGGTCTGAGATGCCCTTTGAAAATGCCTGAAAG
AAAACATGGGCTACTACATTATGTTAATGTTTTGTAATGTCTTTTAAATGAGTGGTGACATAAAGGGC
TGCTTTGTTGCTCTGATATGGCAAAAATTAATAAATCTTTTTCACTTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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).



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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:	<u>NM_017593.5</u>
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:	20.6