

Product datasheet for **SC205263**

BMX (NM_001721) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: BMX (NM_001721) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: BMX
Synonyms: ETK; PSCTK2; PSCTK3
ACCN: NM_001721
Insert Size: 402 bp
Insert Sequence: >SC205263 3'UTR clone of NM_001721

The sequence shown below is from the reference sequence of NM_001721. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAACCACTTCGGGAAAAAGACAAGCATTGAAGAAGAAATTAGGAGTGCTGATAAGAATGAATATAGATG
CTGGCCAGCATTTTCATTCAATTTAAGGAAAGTAGCAAGGCATAATGTAATTTAGCTAGTTTTTAATAG
TGTCTCTGTATTGTCTATTATTAGAAATGAACAAGGCAGGAAACAAAAGATTCCCTTGAAATTTAGA
TCAAATTAGTAATTTGTTTATGCTGCTCTGATATAACACTTTCCAGCCTATAGCAGAAGCACATTTT
CAGACTGCAATATAGAGACTGTGTTTCATGTGTAAGACTGAGCAGAACTGAAAAATTACTTATTGGATA
TTCATTCTTTCTTTATATTGTCATTGTCACAACAATTAATATACTACCAAGTACA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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_001721.7](#)



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Summary:

This gene encodes a non-receptor tyrosine kinase belonging to the Tec kinase family. The protein contains a PH-like domain, which mediates membrane targeting by binding to phosphatidylinositol 3,4,5-triphosphate (PIP3), and a SH2 domain that binds to tyrosine-phosphorylated proteins and functions in signal transduction. The protein is implicated in several signal transduction pathways including the Stat pathway, and regulates differentiation and tumorigenicity of several types of cancer cells. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2016]

Locus ID:

660

MW:

15.8