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Product datasheet for RC221915L3V

BMX (NM_001721) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BMX (NM_001721) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BMX
Synonyms:	ETK; PSCTK2; PSCTK3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001721
ORF Size:	2025 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221915).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001721.4
RefSeq Size:	2514 bp
RefSeq ORF:	2028 bp
Locus ID:	660
UniProt ID:	P51813
Cytogenetics:	Xp22.2
Domains:	pkinase, SH2, TyrKc, BTK, PH, S_TKc
Protein Families:	Druggable Genome, Protein Kinase

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MW: 77.8 kDa

Gene 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]