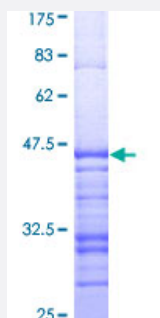


BMX (Human) Recombinant Protein (Q01)

Catalog # H00000660-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human BMX partial ORF (AAH16652, 150 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ANLHTAVNEEKHRVPTFPDRVLKIPRAVPVLKMDAPSSSTTLAQYDNESKKNYGSQPPSSSTSLAQYDSNSKKIYGSQPNFNMQYIPREDFPDWWQVRKLKSSSSSEDEVASSNQKERNVNHTTSKISWEFP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.15
Interspecies Antigen Sequence	Mouse (58); Rat (55)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BMX

Entrez GeneID	660
GeneBank Accession#	BC016652
Protein Accession#	AAH16652
Gene Name	BMX
Gene Alias	ETK, PSCTK2, PSCTK3
Gene Description	BMX non-receptor tyrosine kinase
Omim ID	300101
Gene Ontology	Hyperlink
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. Multiple alternatively spliced variants, encoding the same protein, have been identified
Other Designations	OTTHUMP00000022964 OTTHUMP00000022965 OTTHUMP00000022966

Disease

- [HIV Infections](#)
- [Lymphoproliferative Disorders](#)

- [Myelodysplastic Syndromes](#)