

Recombinant Human BMX Protein, GST-tagged

Cat. No. BMX-290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human BMX partial ORF (AAH16652, 150 a.a. - 280 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	40.15 kDa
AA Sequence	ANLHTAVNEEKHRVPTFPDRVLKIPRAVPVLKMDAPSSSTTLAQYDNESKKNYGSQ PPSSSTSLAQYDSNSKKIYGSQPNFNMQYIPREDFPDWWQVRKLKSSSSSEDEVASS NQKERNVNHHTTSKISWEFP
Quality Control Test	12.5% SDS-PAGE Stained with Coomassie Blue.

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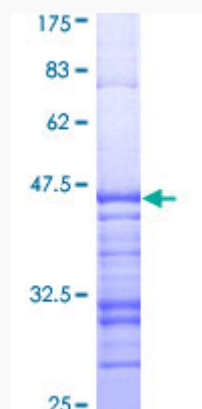
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	BMX BMX non-receptor tyrosine kinase [Homo sapiens]
Official Symbol	BMX
Synonyms	BMX; BMX non-receptor tyrosine kinase; cytoplasmic tyrosine-protein kinase BMX; ETK; PSCTK3; NTK38 tyrosine kinase; Etk/Bmx cytosolic tyrosine kinase; epithelial and endothelial tyrosine kinase; bone marrow tyrosine kinase gene in chromosome X protein; PSCTK2;
Gene ID	660
mRNA Refseq	NM_001721
Protein Refseq	NP_001712
MIM	300101
UniProt ID	P51813

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