

BMX recombinant protein

BMX, Active

CATALOG # AAA73257	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

BMX; Active; ETK; PSCTK2; PSCTK3; BMX recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for BMX recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for BMX recombinant protein	Recombinant full-length human BMX was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_001721. The BMX gene encodes a non-receptor tyrosine kinase, which may play a role in the growth and differentiation of hematopoietic cells (1). The BMX gene is located on chromosomal band Xp22.2 between the DXS197 and DXS207 loci. Interestingly, chromosome X also contains the closest relative of BMX, the BTK gene, implicated in X-linked agammaglobulinemia. BMX, is found to induce activation of the Stat signaling pathway (2).
Product Categories/Family for BMX recombinant protein	Protein Kinases ; Cancer ; Cytoplasmic Tyrosine Kinases ; Invasion/Metastasis ; JAK/STAT Pathway
References	1. Tamagnone, L. et al: BMX, a novel nonreceptor tyrosine kinase gene of the BTK/ITK/TEC/TKX family located in chromosome Xp22.2. Oncogene. 1994 Dec;9(12):3683-8. 2. Saharinen, P. et al: The Bmx tyrosine kinase induces activation of the Stat signaling pathway, which is specifically inhibited by protein kinase Cdelta. Blood. 1997 Dec 1;90(11):4341-53

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_001721
Molecular Weight	~110kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bmx-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73257>