

Bioactive

Full-Length

BMX (Human) Recombinant Protein

Catalog # P6470

Size 5 ug

Applications

Result of activity analysis

Result of activity analysis



Specification

Product Description	Human BMX (NP_001712.1, 1 a.a. - 675 a.a.) full length recombinant protein with GST-tag at N-terminal using baculovirus expression system.
Host	Viruses
Form	Liquid
Preparation Method	Baculovirus expression system.
Purification	Glutathione sepharose chromatography.
Purity	0.75
Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescein-labeled substrate and Mg (or Mn)/ATP. Substrate: Src tide, ATP: 100 uM.
Quality Control Testing	The purity was assessed by SDS-PAGE/CBB staining.
Storage Buffer	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Storage Instruction	Stored at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Result of activity analysis
Result of activity analysis

Applications

- Functional Study

Gene Info — BMX

Entrez GeneID [660](#)

Protein Accession# [NP_001712.1](#)

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](#)