

# **Recombinant Human BMX/NTK38/ETK Kinase**

Catalog No.: RP03322LQ Recombinant

# **Sequence Information**

Species Gene ID Swiss Prot Human 660 P51813

Tags

No tag

**Synonyms** 

BMX; NTK38; ETK; cytoplasmic tyrosineprotein kinase BMX

# **Product Information**

Source Purification

Baculovirus-Insect ≥ 90 % as

Cells determined by SDSPAGE;≥ 90 % as
determined by
HPLC.

Calculated MW Observed MW

30.9 kDa 25-30 kDa

**Endotoxin** 

< 1 EU/µg of the protein by LAL method.

## **Formulation**

Supplied as a 0.22 µm filtered solution in 20 mM Tris-HCl, 250 mM NaCl, 5 mM DTT. (pH 8.0). Contact us for customized product form or formulation.

# Reconstitution

Please use running water to thaw it quickly.

## **Contact**

6	400-999-6126
$\times$	cn.market@abclonal.com.cn
•	www.abclonal.com.cn

# **Background**

Bone marrow kinase on chromosome X (BMX) is a member of the tyrosine kinase expressed in hepatocellular carcinoma (TEC) family of nonreceptor tyrosine kinases, and within this family, it is most closely related to Bruton's tyrosine kinase (BTK). BMX shares with other TEC family kinases a conserved domain architecture including an N-terminal pleckstrin homology (PH) domain, which has been described to bind phosphatidylinositol(3,4,5)-tris-phosphate and thereby leads to membrane association of BMX. BMX has been suggested to have a role in differentiation, motility, and cell survival. Although BMX-deficient mice do not show spontaneous phenotypes, BMX has been shown to play a crucial role in ischemia-induced arteriogenesis and angiogenesis, as well as VEGF-induced lymphangiogenesis.

#### **Basic Information**

#### **Description**

Recombinant Human BMX/NTK38/ETK Protein is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Glu411-His675) of Human BMX (Accession #P51813) fused with No tag.

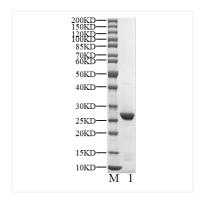
#### **Bio-Activity**

The activity of BMX is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

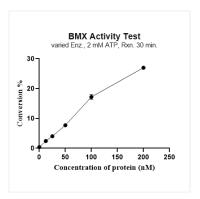
## Storage

Store at -70°C. This product is stable at  $\leq$  -70°C for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Aliquots below 10  $\mu$ L are not advisable. Product must not be stored in diluted solutions. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.



Recombinant Human BMX/NTK38/ETK Kinase was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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