Recombinant Human BMX

Cat No:HR2R1205

For research use only

Overview

Quantity	10 ?g
Gene Symbol	BMX
Gene ID	N/A
Accession	NM_001721
Alternative Name	Bone marrow tyrosine kinase, ETK, PSCTK2, PSCTK3
Species	Human
Source	Insect Cells
Description	Recombinant full-length human BMX was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The BMX gene encodes a non-receptor tyrosine kinase, which may play a role in the growth and differentiation of hematopoietic cells. 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 signalling pathway.
Functions	The specific activity of BMX was determined to be 34 nmol/min/ml.
Formulation	Recombinant BMX is stored in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 10 mM glutathione, 0.1 mM EDTA, 0.1 mM PMSF, 25% Glycerol at 0.1 ?g/?l.
Solubility	N/A
Appearance	Liquid
Molecular Weight	110
Purity	>80% as determined by SDS-PAGE
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?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.