

Human BLK Kinase (GST Tag) recombinant protein



Catalog Number: 502251

General Information

Gene Name Synonym

B lymphocyte kinase; p55-Blk

Protein Construction

A DNA sequence encoding the human BLK (NP_001706.2) (Met 1-Pro 505) was fused with the GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

The specific activity was determined to be 17.4 nmol/min/mg using Poly(Glu,Tyr)4:1 peptide as substrate.

Purity

> 88 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human BLK/GST chimera consists of 730 amino acids and migrates as an approximately 84 kDa band as predicted in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, 5mM GSH, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

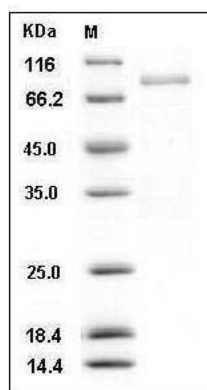
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human BLK / B Lymphocyte Kinase Protein (GST Tag) SDS-PAGE