

Mouse ITK Kinase (aa 351-619, His & GST Tag) recombinant protein



Catalog Number: 500057

General Information

Protein Construction

A DNA sequence encoding the mouse ITK / EMT (Q03526) protein kinase domain (Arg 351-Leu 619) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Mouse

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

No Kinase Activity

Purity

> 95 % 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 secreted recombinant mouse ITK /GST

chimera consists of 506 amino acids and has a calculated molecular mass of 58.4 kDa. The recombinant protein migrates as an approximately 58 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.5, 10% gly, 0.5mM GSH

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

Usage Guide

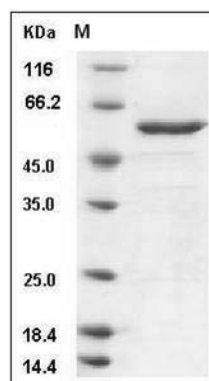
Storage

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



Mouse ITK Kinase Protein (aa 351-619, His & GST Tag) SDS-PAGE