Human TLK1 (His & GST Tag) recombinant protein

Catalog Number: 502812



General Information

Protein Construction

A DNA sequence encoding the human TLK1 isoform 1 (Q9UKI8-1) (Met 1-Tyr 766) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

The specific activity was determined to be 1.6 nmol/min/mg using Histone H3 protein 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 TLK1/GST chimera consists of 1003 amino acids and has a calculated molecular mass of 114 kDa. It migrates as an approximately 125 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly

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

Usage Guide

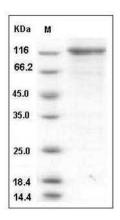
Storage

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 TLK1 / PKU-beta Protein (His & GST Tag) SDS-PAGE