

Human STK10/LOK (His Tag) recombinant protein



Catalog Number: 500976

General Information

Protein Construction

A DNA sequence encoding the human STK10 (NP_005981.3) (Arg 18-Glu 317) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

The specific activity was determined to be 1353 nmol/min/mg using synthetic AXLtide peptide (KKSREGDYMTMQIG) as substrate.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

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 STK10 consisting of 315 amino acids and has a calculated molecular mass of 36 kDa. It migrates as an approximately 40 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0

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

Usage Guide

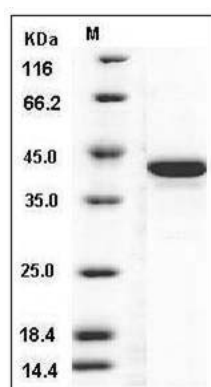
Storage

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



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