

Human DAPK1 (aa 1-363, His & GST Tag) recombinant protein



Catalog Number: 500942

General Information

Gene Name Synonym

DAP kinase 1; EC 2.7.11.1

Protein Construction

A DNA sequence encoding the N-terminal segment of human DAPK1 (P53355-1) (Met 1-Leu 363) 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 20 nmol/min/mg using synthetic R11-S6-Peptide (R11-IAKRRRLSSLRASTSKSESSQK) as substrate.

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ g 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 DAPK1 (aa 1-363)/GST chimera consists of 600 amino acids and has a calculated molecular mass of 69.4 kDa. It migrates as an approximately 64 kDa band in SDS-PAGE under reducing conditions.

Formulation

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

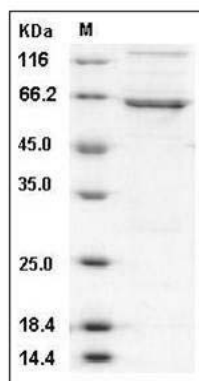
Storage

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 DAPK1 / DAP Kinase 1 Protein (aa 1-363, His & GST Tag) SDS-PAGE