

Human TAOK3/JIK (aa 1-411, His & GST Tag) recombinant protein



Catalog Number: 501906

General Information

Gene Name Synonym

EC 2.7.11.1; Cutaneous T-cell lymphoma-associated antigen HD-CL-09; CTCL-associated antigen HD-CL-09; Dendritic cell-derived protein kinase; JNK/SAPK-inhibitory kinase; Jun kinase-inhibitory kinase; Kinase from chicken homolog A; hKFC-A; Thousand and one amino acid protein 3

Protein Construction

A DNA sequence encoding the amino acids (Met 1-Asp 411) of human TAOK3 (Q9H2K8-1) 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 10 nmol/min/mg using synthetic PKCtide peptide (ERM₂PRKRQGSVRRRV) as substrate.

Purity

> 92 % 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 TAOK3 (aa 1-411)/GST chimera consists of 648 amino acids and has a calculated molecular mass of 74.3 kDa. It migrates as an approximately 85 kDa band in SDS-PAGE under reducing conditions.

Formulation

Supplied as sterile 20mM Tris, 500mM NaCl, 3mM GSH, 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

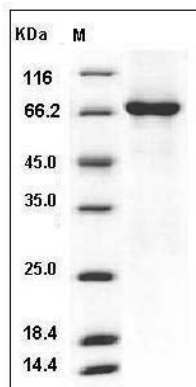
Storage

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 TAOK3 / JIK / MAP3K18 Protein (aa 1-411, His & GST Tag) SDS-PAGE