

Human PAK3 (His Tag) recombinant protein



Catalog Number: 502891

General Information

Gene Name Synonym

Beta-PAK; Oligophrenin-3; p21-activated kinase 3

Protein Construction

A DNA sequence encoding the human PAK3 isoform 2 (O75914-2) (Met 1-Arg 544) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

The specific activity was determined to be 98 nmol/min/mg using MBP as substrate.

Purity

> 97 % 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 1

Molecular Mass

The recombinant human PAK3 consists of 554 amino acids and predicts a molecular mass of 62 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE in SDS-PAGE under reducing conditions.

Formulation

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

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

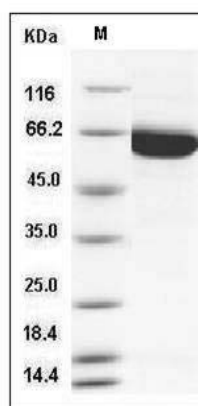
Storage

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 PAK3 Protein (His Tag) SDS-PAGE