

Human CDKL2 (His Tag) recombinant protein



Catalog Number: 502455

General Information

Gene Name Synonym

Protein kinase p56 KKIAMRE; Serine/threonine-protein kinase KKIAMRE

Protein Construction

A DNA sequence encoding the human CDKL2 (Q92772) (Met 1-His 493) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Kinase activity untested

Purity

> 85 % 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 CDKL2 consists of 512 amino acids and has a calculated molecular mass of 58.3 kDa. It migrates as an approximately 63 kDa band in SDS-PAGE under reducing conditions as predicted.

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

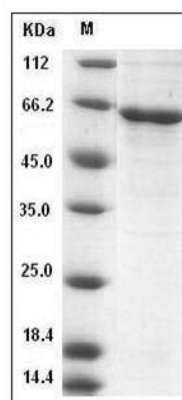
Storage

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 CDKL2 Protein (His Tag) SDS-PAGE