

Human CASK Kinase recombinant protein



Catalog Number: 502684

General Information

Gene Name Synonym:

Calcium/calmodulin-dependent serine protein kinase; Protein lin-2 homolog

Protein Construction:

A DNA sequence encoding the human CASK (O14936-4) (Ala 2-Tyr 898) was expressed and purified with two additional amino acids (Gly & Pro) at the N-terminus.

Source: Human

Expression Host: Baculovirus-Insect Cells

QC Testing

Activity:

Kinase activity untested

Purity:

> 90 % 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:

Gly

Molecular Mass:

The secreted recombinant human CASK consists of 899 amino acids and predicts a molecular mass of 102.1 KDa. The apparent molecular mass of the protein is approximately 102 KDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation:

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

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

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

Usage Guide

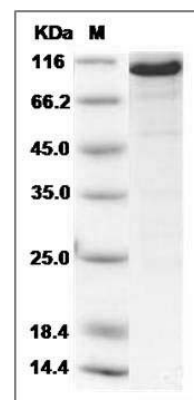
Storage:

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 CASK Kinase Protein SDS-PAGE