

# Mouse CSNK2A1 recombinant protein



Catalog Number: 501693

## General Information

### Protein Construction

A DNA sequence encoding the mouse CAMK4 CSNK2A1 (Q60737) (Met1-Gln391) was expressed and purified with two additional amino acids (Gly & Pro) at the N-terminus.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Activity

Kinase activity untested

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Gly

### Molecular Mass

The recombinant mouse CSNK2A1 consists of 393 amino acids and predicts a molecular mass of 45.3 KDa. It migrates as an approximately 40 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from 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

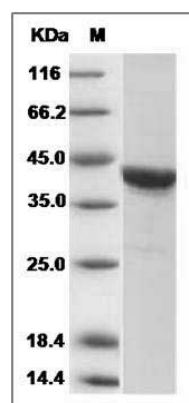
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . 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



Mouse CSNK2A1 / CK2A1 Protein SDS-PAGE