

# Human C-Src Kinase / CSK (GST Tag) recombinant protein



Catalog Number: 501949

## General Information

### Gene Name Synonym:

### Protein Construction:

A DNA sequence encoding the human CSK (NP\_004374.1) (Met 1-Leu 450) was fused with the GST tag at the N-terminus.

**Source:** Human

**Expression Host:** Baculovirus-Insect Cells

## QC Testing

### Activity:

The specific activity was determined to be 127 nmol/min/mg using Poly(Glu,Tyr) 4:1 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 CSK/GST chimera consists of 674 amino acids and has a predicted

molecular mass of 77 kDa. It migrates as an approximately 66 kDa band in SDS-PAGE under reducing conditions.

### Formulation:

Supplied as sterile 20mM Tris, 500mM NaCl, 0.5mM PMSF, 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

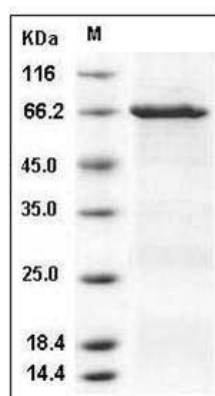
### Storage:

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 CSK / C-Src kinase Protein (GST Tag)  
SDS-PAGE