

# Human CHK2/CHEK2 (GST Tag) recombinant protein



Catalog Number: 504843

## General Information

### Protein Construction

A DNA sequence encoding the human CHEK2 (NP\_009125.1) (Met1-Leu543) was expressed with a GST tag at the N-terminus.

### Organism

Human

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE.

### Endotoxin

< 1.0 EU per  $\mu$ g 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 CHEK2 consists of 777 amino acids and predicts a molecular mass of 88.1 kDa.

## Formulation

Lyophilized from sterile 50 mM Tris, 150 mM NaCl, 25 %glycerol, pH 7.5, 0.1 mM EDTA, 0.5 mM TCEP.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

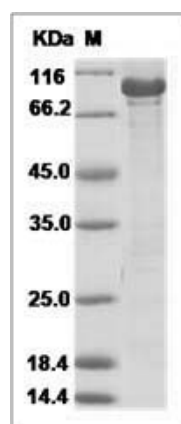
### Storage

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



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