

# Human GSTK1 recombinant protein



Catalog Number: 502781

## General Information

### Gene Name Synonym

GST 13-13; GST class-kappa; GSTK1-1;  
Glutathione S-transferase subunit 13

### Protein Construction

A DNA sequence encoding the mature form of human GSTK1 (Q9Y2Q3-1) (Gly2-Leu226) was expressed with a N-terminal Met.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

Please contact us for more information.

### 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 GSTK1 consists of 226

amino acids and predicts a molecular mass of 25.5 KDa. It migrates as an approximately 25 KDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 10% glycerol, pH 8.0.

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

## Usage Guide

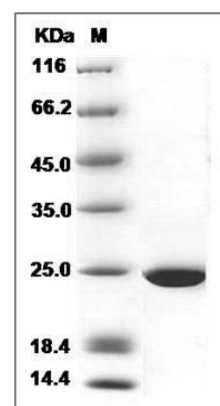
### Storage

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 GSTK1 Protein SDS-PAGE