# **Human GCSH (His Tag) recombinant protein**

Catalog Number: 503020



## **General Information**

## Gene Name Synonym

Lipoic acid-containing protein

### **Protein Construction**

A DNA sequence encoding the mature form of human GCSH (AAA36011.1) (Ser49-Glu173) was expressed with a polyhistidine tag at the N-terminus.

## **Organism**

Human

## **Expression Host**

F. coli

## **QC Testing**

## **Purity**

> 85 % 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

His

## **Molecular Mass**

The recombinant human GCSH consists of 140 amino acids and predicts a molecular mass of 15.7 KDa. It migrates as an approximately 17 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, 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**

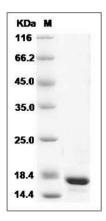
## **Storage**

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 GCSH Protein (His Tag) SDS-PAGE