

# Human GSTM3 / GST2 (His Tag) recombinant protein



Catalog Number: 501790

## General Information

### Gene Name Synonym

GST HA subunit 1; GST class-alpha member 1; GST-epsilon; GSTA1-1; GTH1; Glutathione S-transferase A1, N-terminally processed

### Protein Construction

A DNA sequence encoding the human GSTA1 (NP\_665683.1) (Met1-Phe222) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 90 % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  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

Met

## Molecular Mass

The recombinant human GSTA1 consists 233 amino acids and predicts a molecular mass of 27.1 kDa.

## 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

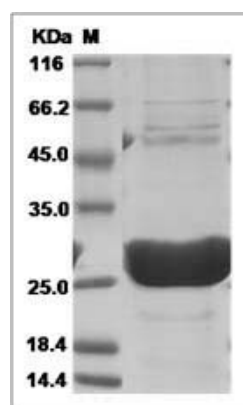
### Storage

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



GSTA1 protein SDS-PAGE