

# Schistosoma japonicum Glutathione S-transferase/GST recombinant protein



Catalog Number: 503404

## General Information

### Gene Name Synonym

Sj26 antigen; SjGST

### Protein Construction

A DNA sequence encoding the Glutathione S-transferase (P08515) (Met 1-Lys 218), with additional 11 amino acids at the C-terminus, was expressed and purified.

### Organism

Schistosoma japonicum

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the 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 1

### Molecular Mass

The recombinant Glutathione S-transferase (GST)

consists of 229 amino acids and predicts a molecular mass of 26.9 kDa. The apparent molecular mass of GST is approximately 28 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, 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

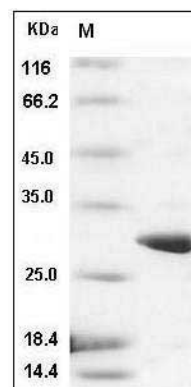
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

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



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