

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 μg of the 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 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

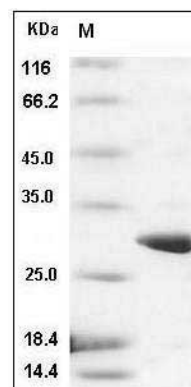
Store it under sterile conditions at -20°C to -80°C .

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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