Recombinant Schistosoma japonicum GST Protein

Catalog No.: RPT0001

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Sequence Information

Species
Schistosoma japonicum

Gene ID

Swiss Prot
P08515

Tags
No tag

Synonyms
GST, GST 26, Sj26 antigen, SjGST

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
25.50 kDa

Observed MW
25-35 kDa

Endotoxin
Please contact us for more information.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

GST isoenzymes appear to play a central role in the parasite detoxification system. Other functions are also suspected including a role in increasing the solubility of haematin in the parasite gut.

Basic Information

Description
Recombinant GST Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Lys218) of Schistosoma japonicum GST (Accession #P08515) fused with no tags.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

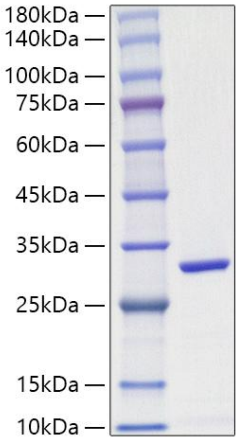
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Schistosoma japonicum GST Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.