

RPT0001

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Recombinant Schistosoma japonicum GST Protein

Catalog No.: RPT0001 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|----------------|---------|------------|
| <I>E. coli</I> | | P08515 |

Tags

No tag

Synonyms

GST; GST 26; Sj26 antigen; SjGST

Product Information

| Source | Purification |
|--------|-----------------------------------|
| | ≥ 95 % as determined by SDS-PAGE. |

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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact



www.abclonal.com

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.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

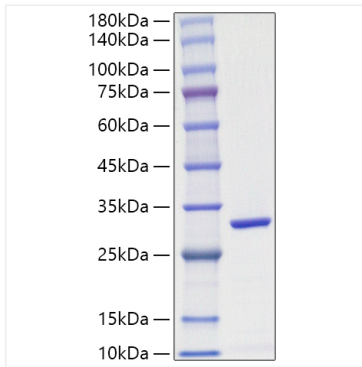
For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



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