

Recombinant Schistosoma japonicum GST Protein

Catalog No.: RPT0001 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Schistosoma japonicum		P08515

Tags

No tag

Synonyms

GST; GST 26; Sj26 antigen; SjGST

Product Information

Source	Purification
<i>E. coli</i>	

Calculated MW **Observed MW**

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 freeze-thaw cycles.

Contact

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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

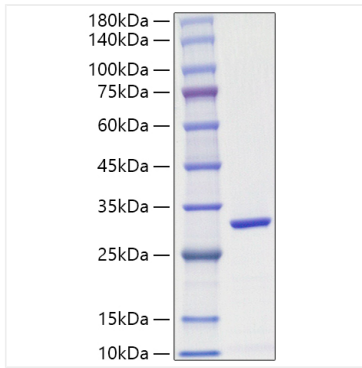
Storage

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.

Validation Data



Recombinant *Schistosoma japonicum* GST Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25-35 kDa.