

## Recombinant *Schistosoma japonicum* GST Protein

Cat. No. GST-307S Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Glutathione S-transferase (P08515) (Met 1-Lys 218), with additional 11 amino acids at the C-terminus, was expressed and purified.
<b>Species</b>	<i>Schistosoma japonicum</i>
<b>Source</b>	Insect Cells
<b>Predicted N Terminal</b>	Met 1
<b>Form</b>	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, pH 8.0, 5%~8% trehalose and mannitol.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70°C.
<b>Storage</b>	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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