

Recombinant Schistosoma japonicum GST Protein

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

SPECIFICATION

Product Overview	Recombinant Glutathione S-transferase (P08515) (Met 1-Lys 218), with additional 11 amino acids at the C-terminus, was expressed and purified.
Species	Schistosoma japonicum
Source	Insect Cells
Predicted N Terminal	Met 1
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 2mM GSH, pH 8.0, 5%~8% trehalose and mannitol.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	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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