

# S. Japonicum GST Recombinant Protein



RPPB1754

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## Product Information    Protein Information

**Product SKU:**

RPPB1754

**Accession:**

P08515

**Host:**

Escherichia Coli.

**Protein description:**

GST S. Japonicum Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 244 amino acids (1-218) and having a molecular mass of 28.3 kDa. GST S. Japonicum is fused to a 26 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Glutathione S-Transferase class-mu 26 kDa isozyme, Sj26 antigen, SjGST, Glutathione S-Transferase class-mu 26 kDa isozyme Glutathione S Transferase.

**Formulation:**

GST S. Japonicum protein solution (1mg/ml) contains Phosphate-Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SSSLVPRGSH MSPILGYWKI KGLVQPTRL L EYLEEKYEE HLYERDEGDK WRNKKFELGL  
EFPNLPYYID GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV  
DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIPIQID  
KYLKSSKYIA WPLQG WQATF GGGDHPPKSDLVPR

**Biological Activity:**

Specific activity is > 10unit/mg, and is defined as the amount of enzyme that conjugate 1.0 umole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25C.