

S. Japonicum GST Recombinant Protein



RPPB1755

Product Information Protein Information

Product SKU:

RPPB1755

Accession:

P08515

Host:

Escherichia Coli.

Protein description:

GST S. Japonicum Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-218) and having a molecular mass of 25.4 kDa.

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 90.0% 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:

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA
IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK
TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF
GGGDHPPK

Biological Activity:

Specific activity is > 30unit/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.