

RPPB1751

Product Information Protein Information

Product SKU:

RPPB1751

Accession:

P08515

Host:

Escherichia Coli.

Protein description:

Recombinant Glutathione S-Transferase full length protein (1-218a.a.) expressed in E.coli, having a molecular mass of 26kDa. GST was isolated from an E. coli strain that carries the coding sequence for Schistosoma japonicum GST under the control of a T7 promoter. The GST is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

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

Formulation:

GST supplied in Phosphate Buffered Saline pH 7.4.

Purity:

Greater than 95% 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 KGLVQPTRL L EYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA
IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK
TYLNGDHVTH PDFMLYDALD WLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF
GGGDHPPKSD LVPR.

Biological Activity:

Specific activity is >20 units/mg. A unit is defined as the amount of enzyme that conjugate 1.0 u mole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.