

RPPB1752

Product Information Protein Information

Product SKU:

RPPB1752

Accession:

P26624

Host:

Escherichia Coli.

Protein description:

Recombinant Schistosoma japonicum GST full length protein contains 244 amino acids(1-224 a.a.) expressed in E.coli, having a molecular mass of 28.3kDa. The GST protein is fused to a 20 amino acids His-Tag at N-terminus. The GST protein is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Glutathione S-Transferase, GST, Glutathione S-transferase class-mu 28 kDa isozyme, GST 28, EC 2.5.1.18, Sj28GST, Sj28 antigen.

Formulation:

GST is supplied in PBS pH 7.4 & 10% glycerol.

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:

MGSSHHHHHH SGLVPRGSH MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL
EFPNLPYYID GDVKLTQSMARIYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALDVVLYMDPMCL DAFPKLVCVK KRIEAIPIQID
KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPR.

Biological Activity:

2.8-3.3 units/mg, & 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 25C.