

Bioactive

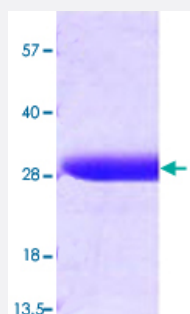
Full-Length

GST (*Schistosoma japonicum*) Recombinant Protein

Catalog # P4994

Size 100 ug

Applications



Specification

Product Description

Schistosoma japonicum GST (P08515, 1 a.a. - 224 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MGSSHHHHHSSGLVPRGSHMSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNK
KFELGLEFPNLPYYIDGDVKLTQSMIIRYADKHNLGGCPKERAISMLEGAVLDIRYGVSRAYS
KDFETLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKL
VCFKKRERIAIPQIDKYLKSSKYAWPLQGWQATFGGGDHPPKSDLVPR

Host

Escherichia coli

Theoretical MW (kDa)

28.3

Form

Liquid

Preparation Method

Escherichia coli expression system

Purification

Conventional Chromatography

Concentration

1 mg/mL

Purity

> 95% by SDS-PAGE

Activity

Specific activity is 2.8-3.3 units/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 25°C.

Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In PBS, pH 7.4 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE