

Bioactive

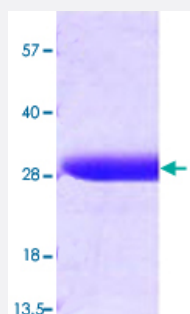
Full-Length

## 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  
VCFKKRERIAIPQIDKYLKSSKYAWPLQGQWQATFGGGDHPPKSDLVPR

#### 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.

<b>Quality Control Testing</b>	Loading 3 ug protein in 15% SDS-PAGE
<b>Storage Buffer</b>	In PBS, pH 7.4 (10% glycerol).
<b>Storage Instruction</b>	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