

**Schistosoma japonicum recombinant protein GST**  
**Schistosoma japonicum Recombinant GST**  
**Catalog # PBV10588r****Specification****Schistosoma japonicum recombinant protein GST - Product info**

|                   |                        |
|-------------------|------------------------|
| Primary Accession | <a href="#">P09792</a> |
| Concentration     | 1                      |
| Calculated MW     | 28.3 kDa KDa           |

**Schistosoma japonicum recombinant protein GST - Additional Info**

|                                                                         |         |
|-------------------------------------------------------------------------|---------|
| Gene ID                                                                 | 8342765 |
| Gene Symbol                                                             | GST     |
| <b>Other Names</b>                                                      |         |
| Glutathione S-Transferase class-mu 26 kDa isozyme, Sj26 antigen, SjGST. |         |

|                |                                                                                                                                                                                                                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Source    | <b>Schistosoma japonicum</b>                                                                                                                                                                                                                                                                                       |
| Source         | <b>E. Coli</b>                                                                                                                                                                                                                                                                                                     |
| Assay&Purity   | <b>SDS-PAGE; ≥95%</b>                                                                                                                                                                                                                                                                                              |
| Assay2&Purity2 | <b>N/A;</b>                                                                                                                                                                                                                                                                                                        |
| Recombinant    | <b>Yes</b>                                                                                                                                                                                                                                                                                                         |
| Sequence       | <b>MGSSHHHHHH SSGLVPRGSH MSPILGYWKI<br/>KGLVQPTRLL LEYLEEKYEE HLYERDEGDK<br/>WRNKKFELGL EFPNLPYYID GDVKLTQSMA<br/>IIRYIADKHN MLGGCPKERA EISMLEGAVL<br/>DIRYGVSRIA YSKDFETLKV DFLSKLPEML<br/>KMFEDRLCHK TYLNGDHVTH PDFMLYDALD<br/>VVLYMDPMCL DAFPKLVCFK KRIEAIQID<br/>KYLKSSKYIA WPLQGWQATF GGGDHPPKSD<br/>LVPR</b> |

**Format**  
Liquid**Storage**  
-80°C; 1 mg/ml solution in PBS (pH 7.4) containing 10% glycerol.**Schistosoma japonicum recombinant protein GST - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## **Schistosoma japonicum recombinant protein GST - Images**

## **Schistosoma japonicum recombinant protein GST - Background**

Glutathione S-transferase (GST) represents a major group of detoxification enzymes. It acts by catalyzing the reaction of glutathione with an acceptor molecule to form an S-substituted glutathione (S=sulfur). The reactions utilizing glutathione contribute to the transformation of a wide range of compounds, including carcinogens, therapeutic drugs, and products of oxidative stress. Apart from its enzymatic activities, GST may also bind toxins and function as a transport protein.

## **Schistosoma japonicum recombinant protein GST - References**

Balloul J.-M.,et al.Nature 326:149-153(1987).  
McNair A.T.,et al.Gene 124:245-249(1993).  
Pierce R.J.,et al.Exp. Parasitol. 79:81-84(1994).  
Berriman M.,et al.Nature 460:352-358(2009).  
Protasio A.V.,et al.PLoS Negl. Trop. Dis. 6:E1455-E1455(2012).