

# Recombinant Schistosoma japonicum GST-His Protein

## RPCB2167



### Product Information

<b>Product SKU:</b>	RPCB2167	<b>Gene ID:</b>	-	<b>Size:</b>	100µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Schistosoma japonicum		

### Additional Information

<b>Expression Host:</b>	E. coli	<b>Swissprot:</b>	P08515
<b>Purity:</b>	-		

### Protein Information

**Background:** Genetic engineers have used glutathione S-transferase to create the GST gene fusion system. This system is used to purify and detect proteins of interest. In a GST gene fusion system, the GST sequence is incorporated into an expression vector alongside the gene sequence encoding the protein of interest. Induction of protein expression from the vector's promoter results in expression of a fusion protein: the protein of interest fused to the GST protein. This GST-fusion protein can then be purified from cells via its high affinity for glutathione. GST is commonly used to create fusion proteins. The tag has the size of 22amino acids(roughly 26 KDa), which, compared to other tags like the Myc-or the FLAG-tag, is quite big. However, many commercially-available sources of GST-tagged plasmids include athrombindomain for cleavage of the GST tag during protein purification.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Schistosoma japonicum GST-His Protein , tested reactivity inE. coliand has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** Please contact us for more information.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

**Contact Details | Dublin, Ireland**

**Email:** techsupport@assaygenie.com | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

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