

Datasheet for ABIN666898

**GST Protein (AA 1-224) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	GST
Protein Characteristics:	AA 1-224
Origin:	Schistosoma japonicum
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GST protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Characteristics:	GST, 1-224aa, Schistosoma japonicum, His-tag, E.coli
Purity:	> 95 % by SDS - PAGE

## Target Details

Target:	GST
Alternative Name:	GST ( <a href="#">GST Products</a> )
Background:	Glutathione S-transferase (GST) represents a major group of detoxification enzymes. This enzyme acts by catalyzing the reaction of glutathione with an acceptor molecule to form an S-substituted glutathione (S=sulfur). The reactions utilizing glutathione contribute the transformation of a wide range of compounds, including carcinogens, therapeutic drugs, and products of oxidative stress. As well as its enzymatic activities, GST may also bind toxins and

Target Details

function as transport protein. Because of this, an early term for GSTs was ligandin. Glutathione S-transferase was originally separated from *Schistosoma japonicum* but currently isolated from recombinant *E.coli* source. Recombinant human GST, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques. Synonyms: Sj26 antigen, SjGST, Glutathione S-Transferase class-mu 26 kDa isozyme Glutathione S Transferase. NCBI no.: P08515

Molecular Weight: 28.3 kDa (244aa), confirmed by MALDI-TOF.

Application Details

Restrictions: For Research Use only

Handling

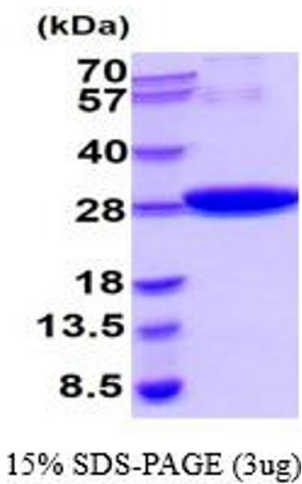
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In Phosphate buffered saline (pH7.4), 10% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.