

Product datasheet

Recombinant *S. japonicum* GST protein (Active)
 ab235135

1 Image

Description

Product name	Recombinant <i>S. japonicum</i> GST protein (Active)	
Biological activity	Specific activity is > 30 units/mg, and is defined as the amount of enzyme that conjugate 1.0 µmole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.	
Purity	> 90 % SDS-PAGE. ab235135 was purified using conventional chromatography techniques.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	P08515	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Schistosoma japonicum	
Sequence	MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDK WRNKKFELGL EFPNLPYYIDGDVKLTQSMAIIRYADKHNMLGGCPKERAIEI SMLEGAVL DIRYGVSRIAYSKDFETLKVDFLSKLPPEMLKMFEDRLCHKHT YLNGDHVTH PDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRERIAIPQIDK YLKSSKYIA WPLQGWQATFGGGDHPPK	
Predicted molecular weight	25 kDa	
Amino acids	1 to 218	
Additional sequence information	AAB59203.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235135** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Functional Studies

SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: PBS, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Relevance

GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth *Schistosoma japonicum* and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins.

Images



15% SDS-PAGE analysis of 3 µg ab235135.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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