

Product datasheet

Recombinant *E. coli* grxB protein ab106883

1 Image

Description

Product name	Recombinant <i>E. coli</i> grxB protein	
Purity	> 95 % SDS-PAGE. ab106883 was purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	P0AC59	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Escherichia coli	
Sequence		MGSSHHHHHHSSGLVPRGSH MKLYYDHCPYCLKARMIF GLKNIPVELHV LLNDDAETPTRMVGQKQVPILQKDDSRYPESMDIVHYV DKLDGKPLLTG KRSPAIEEWLRKVNGYANKLLLPRFAKSAFDEFSTPAARK YFVDKKEASA GNFADLLAHS DGLIKNISDDLRALDKLIVKPNVNGELSE DIQLFPLLR NLTLVAGINWPSRVADYRDNMAKQTQINLLSSMAI
Predicted molecular weight	27 kDa including tags	
Amino acids	1 to 215	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab106883** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
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: 8.00

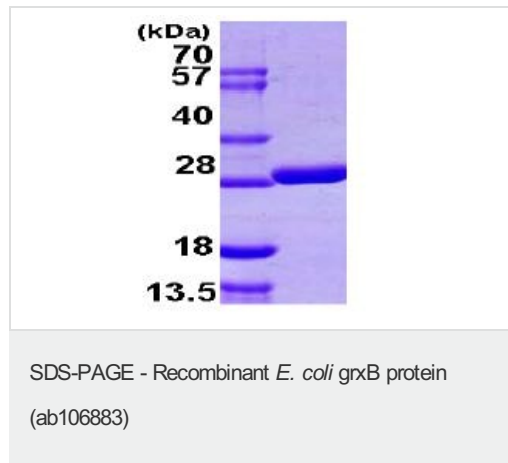
Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

General Info

Relevance

GrxB (Glutaredoxin-2) belongs to the glutaredoxin family. Glutaredoxins are oxidized by substrates, and reduced non-enzymatically by glutathione. This protein involved in reducing some disulfides in a coupled system with glutathione reductase. It does not act as hydrogen donor for ribonucleotide reductase.

Images



15% SDS-PAGE analysis of 3 µg ab106883.

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