

Product datasheet

Recombinant Human Glutathione Peroxidase 1 protein ab113603

[1 Image](#)

Description

Product name	Recombinant Human Glutathione Peroxidase 1 protein
Purity	> 90 % SDS-PAGE. ab113603 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P07203</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMCAARLAAAAAAQSVY AFSARPLAGGEPV SLGSLRGKVLLIENVASLCGTTVRDYTQMNELQRRLGPRG LVVLGFPCNQ FGHQENAKNEEILNSLKYVRPGGGFEPNFMLFEKCEVNG AGAHPLFAFLR EALPAPSDDATAALMTDPKLITWSPVCRNDVAWNFEKFLV GPDGVPLRRYS RRFQTIDIEPDIEALLSQGPSCA
Predicted molecular weight	24 kDa including tags
Amino acids	1 to 203
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113603** 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.04% DTT, 0.32% Tris HCl, 30% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Protects the hemoglobin in erythrocytes from oxidative breakdown.

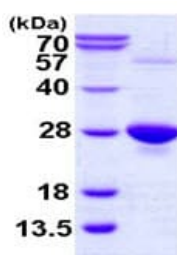
Sequence similarities

Belongs to the glutathione peroxidase family.

Cellular localization

Cytoplasm.

Images



15% SDS-PAGE showing ab113603 (3 µg) at approximately 24.2 kDa.

SDS-PAGE - Recombinant Human Glutathione Peroxidase 1 protein (ab113603)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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