

Product datasheet

Recombinant Human Glutathione Peroxidase 3/GPx-3 protein ab123158

1 Image

Description

Product name	Recombinant Human Glutathione Peroxidase 3/GPx-3 protein
Purity	> 85 % SDS-PAGE. ab123158 was purified using conventional chromatography and is >85% pure by SDS PAGE.
Expression system	Escherichia coli
Accession	<u>P22352</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MQSRGQEKSK MDCHGGISGT IEYGALTID GEEYIPFKQY AGKYVLFVNV ASYCGLTGQY IELNALQEEL APFGLVILGF PCNQFGKQEP GENSEILPTL KYVRPGGGFV PNFQLFEKGD VNGEKEQKFY TFLKNSCPPT SELLGTSDRL FWPEMKVHDI RWNFEKFLVG PDGIPIMRWH HRTTVSNVKM DILSYMRRQA ALGVKRK
Predicted molecular weight	26 kDa including tags
Amino acids	21 to 226
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab123158** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	Previously labelled as Glutathione Peroxidase 3.

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

Constituents: 0.02% DTT, 0.32% Tris HCl, 40% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function

Protects cells and enzymes from oxidative damage, by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxide, by glutathione.

Tissue specificity

Secreted in plasma.

Sequence similarities

Belongs to the glutathione peroxidase family.

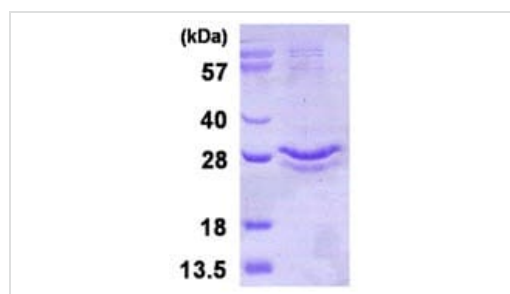
Post-translational modifications

The N-terminus is blocked.

Cellular localization

Secreted.

Images



15% SDS-PAGE analysis of 3 µg of Human Glutathione Peroxidase 3/GPx-3 protein (ab123158).

SDS-PAGE - Recombinant Human Glutathione Peroxidase 3/GPx-3 protein (ab123158)

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

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