

Product datasheet

Recombinant Pig GPX5 protein (Tagged) ab225649

1 Image

Description

Product name	Recombinant Pig GPX5 protein (Tagged)	
Purity	> 90 % SDS-PAGE.	
Expression system	Yeast	
Accession	O18994	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Pig	
Sequence	NSNLEKMDCYKDVTGTIYDYDAFTLNGNEHIQFKQYAGKH VLFVNVATYC GLTAQYPELNTLQEELKPFGLVVLGFPCNQFGKQEPGEN SEILLGLKYVR PGGGYVPNFQLFEKGDVNGEKEQKVFTFLKHSCPHPSEL IGSIGYSWEP IRVHDIRWNFEKFLVGPDGVPVMRWVHETPISTVKSDILAY LKQFKTE	
Predicted molecular weight	26 kDa including tags	
Amino acids	22 to 219	
Tags	His tag N-Terminus	
Additional sequence information	Myc tag at the C-terminus. This product is the mature full length protein from aa 22 to 219. The signal peptide is not included.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab225649** 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

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituents: 50% Glycerol (glycerin, glycerine), Tris buffer

General Info

Function

Protects cells and enzymes from oxidative damage, by catalyzing the reduction of hydrogen peroxide, lipid peroxides and organic hydroperoxide, by glutathione. May constitute a glutathione peroxidase-like protective system against peroxide damage in sperm membrane lipids.

Tissue specificity

Epididymis.

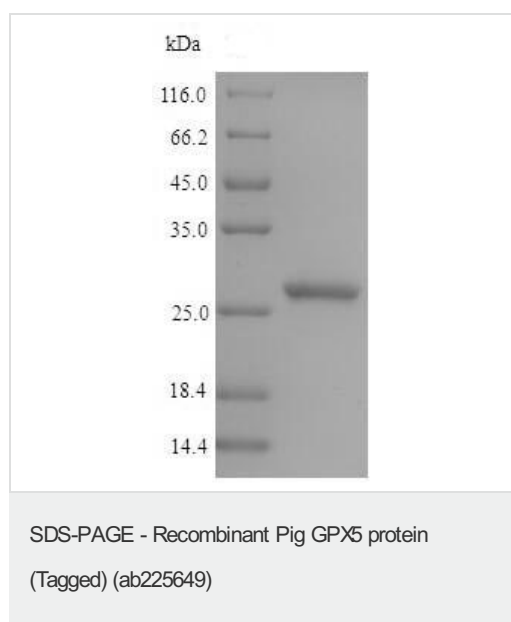
Sequence similarities

Belongs to the glutathione peroxidase family.

Cellular localization

Secreted.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) analysis of ab225649 with 5% enrichment gel and 15% separation gel.

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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