

# Recombinant Human Peroxiredoxin 3/PRDX3 protein ab173047

### Description

<b>Product name</b>	Recombinant Human Peroxiredoxin 3/PRDX3 protein
<b>Purity</b>	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Endotoxin level</b>	< 1.000 Eu/μg
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P30048</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MPAVTQHAPYFKGTAVVNGEFKDLSDDFKGYLVLFY PLDFTFVCPT MAFSDKANEFHVDVCEVVAVSVDSHFSLAWINTPRKN GGLGHMNIALL SDLTKQISRDIYGVLLGSGALRGLFIIDPNGVIKHLVNDL PVGRSVEE TLRLVKAFQYVETHGEVCPANWTPDSPTIKPSPAASKEYF QKVNQ
<b>Predicted molecular weight</b>	21 kDa
<b>Amino acids</b>	63 to 256

### Specifications

Our **Abpromise guarantee** covers the use of **ab173047** in the following tested applications.

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

<b>Applications</b>	HPLC SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Peroxiredoxin 3

## Preparation and Storage

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### Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituent: 0.24% Tris

## General Info

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### Function

Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

### Sequence similarities

Belongs to the ahpC/TSA family.

Contains 1 thioredoxin domain.

### Cellular localization

Mitochondrion.

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**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

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- 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
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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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