

Product datasheet

Recombinant human Peroxiredoxin 3/PRDX3 protein
ab82729

1 Image

Description

Product name	Recombinant human Peroxiredoxin 3/PRDX3 protein
Biological activity	Specific activity : 1.20 U/mg One unit will cause the oxidation of 1 µmole of NADPH at 25°C at pH 7.5.
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab82729** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as Peroxiredoxin 3

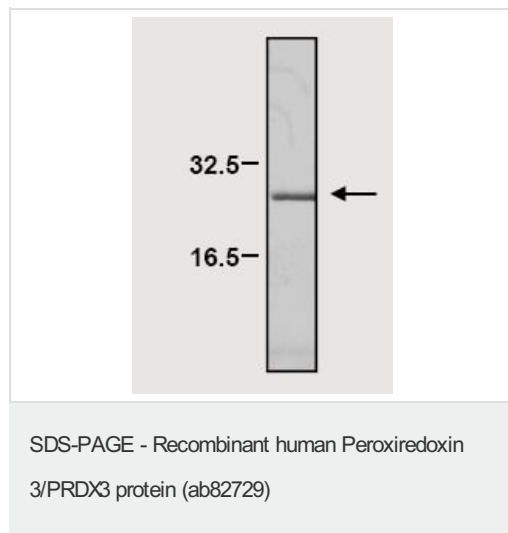
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 0.476% HEPES, 10% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

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.

Images



ab82729 at 1 µg on SDS-PAGE.

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

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