

Product datasheet

Recombinant Human Peroxiredoxin 4 protein ab172175

[1 Image](#)

Description

Product name	Recombinant Human Peroxiredoxin 4 protein
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 0.100 Eu/μg
Expression system	Escherichia coli
Accession	<u>Q13162</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHSSGLVPRGSHMEALPLLAATTPDHGRHR RLLLLPLLLFLL PAGAVQGWETEERPR TREEECHFYAGGQVYPGEASRVSVADHSLHLSKAKISKP APYWEGTAVID GEFKELKLTDIRGKY LVFFFYPLDFTFVCPTEIIAFGDRLEEFRSINTEVVACSVDS QFTHLAWI NTPRRQGGLGPIRIP LLSDLTHQISKDYGVYLEDSGHTLRGLFIIDDKGILRQITLND LPVGRSV DETLRLVQAFQYTDK HGEVCPAGWKPGSETIIPDPAGKLYFDKLNLEHHHHHH
Predicted molecular weight	34 kDa including tags
Amino acids	38 to 271
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab172175** 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 on Dry Ice. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: 0.88% Sodium chloride, 0.02% DTT, 99% Phosphate Buffer

Supplied as a 0.2 µM filtered solution

General Info

Function

Probably involved in redox regulation of the cell. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.

Sequence similarities

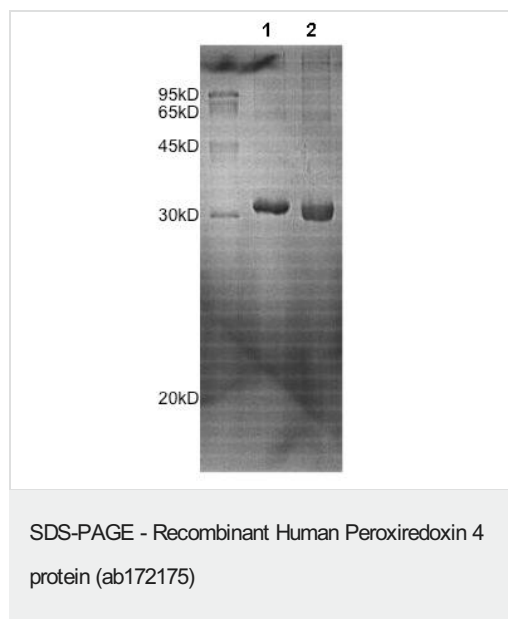
Belongs to the ahpC/TSA family.

Contains 1 thioredoxin domain.

Cellular localization

Cytoplasm. Secreted.

Images



SDS-PAGE gel showing ab172175 under non-reduced (Lane 1) and reduced (Lane 2) conditions.

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

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