

Recombinant human Peroxiredoxin 4 protein ab93947

4 References 画像数 1

製品の詳細

製品名	Recombinant human Peroxiredoxin 4 protein
生理活性	Specific activity: approximately 230-310 pmole/min/μg. Enzymatic activity was confirmed by measuring the remaining peroxide after incubation of PRDX4 and peroxide for 20 min at room temperature. Specific activity is defined as the amount of hydroperoxide that 1ug of enzyme can reduce at 25 C for 1 minute. Specific activity: approximately 230-310 pmole/min/μg. Enzymatic activity was confirmed by measuring the remaining peroxide after incubation of PRDX4 and peroxide for 20 min at room temperature. Specific activity is defined as the amount of hydroperoxide that 1ug of enzyme can reduce at 25 C for 1 minute.
精製度	> 90 % SDS-PAGE. ab93947 was purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>Q13162</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHH SSGLVPRGSH MWETEERPT REEECHFYG GQVYPGEASR VSVADHSLHL SKAKISKAP YWEGTAVIDG EFKELKLTDY RGKYLVEFFY PLDFTFVCPT EIIAFGDRLE EFRSINTEVV ACSVDSQFTH LAWINTPRRQ GGLGPIRIPL LSDLTHQISK DYGVYLEDSG HTLRGLFIID DKGILRQITL NDLPVGRSVD ETLRLVQAFQ YTDKHGEVCP AGWKPGSETI IPDPAGKLKY FDKLN
予測される分子量	29 kDa including tags
領域	38 to 271
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab93947** in the following tested applications.

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

アプリケーション

Functional Studies

SDS-PAGE

製品の状態

Liquid

前処理および保存

保存方法および安定性

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

関連情報

機能

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.

配列類似性

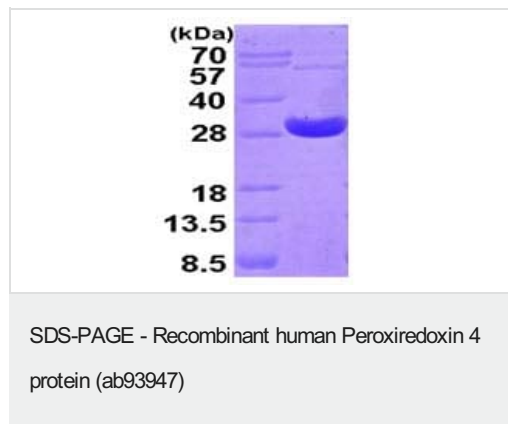
Belongs to the ahpC/TSA family.

Contains 1 thioredoxin domain.

細胞内局在

Cytoplasm. Secreted.

画像



15% SDS-PAGE analysis of ab93947 (3μg)

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

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