

Recombinant human Peroxiredoxin 4 protein ab93947

4 References 1 图像

描述	
产品名称	重组人Peroxiredoxin 4蛋白
生物活性	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.
纯度	> 90 % SDS-PAGE. ab93947 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<u>Q13162</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MGSSHHHHHH SSGLVPRGSH MWETEERPT REEECHFYAG GQVYPGEASR VSVADHSLHL SKAKISKAP YWEGTAVIDG EFKELKLDY RGKYLVEFFY PLDFTFVCPT EIIAFGDRLE EFRSINTEVV ACSVDSQFTH LAWINTPRRQ GGLGPIRIPL LSDLTHQISK DYGVYLEDSG HTLRGLFIID DKGILRQITL NDLPVGRSVD ETLRLVQAFQ YTDKHGEVCP AGWKPGSETI IPDPAGKLKY FDKLN
预测分子量	29 kDa including tags
氨基酸	38 to 271
标签	His tag N-Terminus

技术指标

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.

应用	Functional Studies
	SDS-PAGE
形式	Liquid

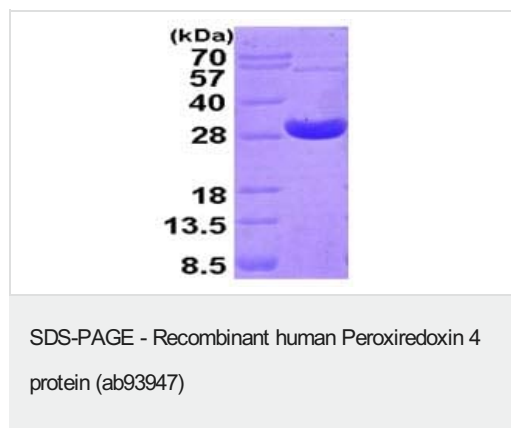
制备和贮存

稳定性和存储	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.

常规信息

功能	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.
序列相似性	Belongs to the ahpC/TSA family. Contains 1 thioredoxin domain.
细胞定位	Cytoplasm. Secreted.

图片



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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