

# Recombinant Rat Peroxiredoxin 2/PRP protein ab206799

### 1 图像

#### 描述

<b>产品名称</b>	重组大鼠Peroxiredoxin 2/PRP蛋白
<b>纯度</b>	> 90 % SDS-PAGE. ab206799 was expressed in E.coli and purified by using conventional chromatography techniques.
<b>表达系统</b>	Escherichia coli
<b>Accession</b>	<b><u>P35704</u></b>
<b>蛋白长度</b>	Full length protein
<b>无动物成分</b>	No
<b>性质</b>	Recombinant
<b>种属</b>	Rat
<b>序列</b>	<pre> MGSSHHHHHSSGLVPRGSHMGSHMASGNAHIGKPAPDFTGT AVVDGAFK EIKLSDYRGKYVVLFFYPPLDFTFVCPTTEIIAFSDHAEDFRKL GCEVLGVS VDSQFTHLAWINTPRKEGGLGPLNIPLLDVTKSLSQNYGVL KNDEGIAY RGLFIIDAKGVLRQITVNDLPVGRSVDEALRLVQAFQYTDEH GEVCPAGW KPGSDTIKPNVDDSKEYFSKHN                     </pre>
<b>预测分子量</b>	24 kDa including tags
<b>氨基酸</b>	1 to 198
<b>标签</b>	His tag N-Terminus
<b>额外的序列信息</b>	NP_058865.

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab206799** in the following tested applications.

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

<b>应用</b>	SDS-PAGE Mass Spectrometry
<b>质谱法</b>	MALDI-TOF
<b>形式</b>	Liquid

## 制备和贮存

### 稳定性和存储

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 89% PBS, 10% Glycerol (glycerin, glycerine), 0.02% DTT

## 常规信息

### 功能

Involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system. It is not able to receive electrons from glutaredoxin. May play an important role in eliminating peroxides generated during metabolism. Might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H<sub>2</sub>O<sub>2</sub>.

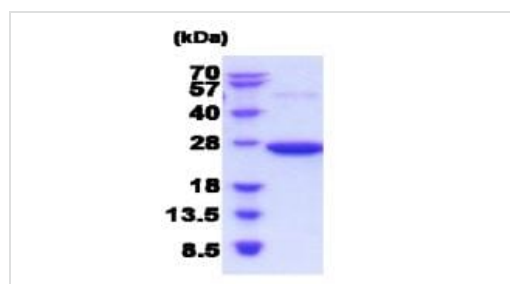
### 序列相似性

Belongs to the ahpC/TSA family.  
Contains 1 thioredoxin domain.

### 细胞定位

Cytoplasm.

## 图片



15% SDS-PAGE analysis of ab206799 (3 µg).

SDS-PAGE - Recombinant Rat Peroxiredoxin  
2/PRP protein (ab206799)

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

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