

Product datasheet

Recombinant Rat Peroxiredoxin 2/PRP protein ab206799

1 Image

Description

Product name	Recombinant Rat Peroxiredoxin 2/PRP protein	
Purity	> 90 % SDS-PAGE. ab206799 was expressed in E.coli and purified by using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	P35704	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Rat	
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMASGNAHIGKPAPD FTGTAVVDGAFK EIKLSDYRGKYVVLFFYPDLDFTFVCPTEIIAFSDHAEDFRKL GCEVLGVS VDSQFTHLAWINTPRKEGGLGPLNIPLLADVTKSLSQNYG VLKNDEGIAY RGLFIIDAKGVLRQITVNDLPVGRSVDEALRLVQAFQYTDE HGEVCPAGW KPGSDTIKPNVDDSKEYFSKHN	
Predicted molecular weight	24 kDa including tags	
Amino acids	1 to 198	
Tags	His tag N-Terminus	
Additional sequence information	NP_058865.	

Specifications

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.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage 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

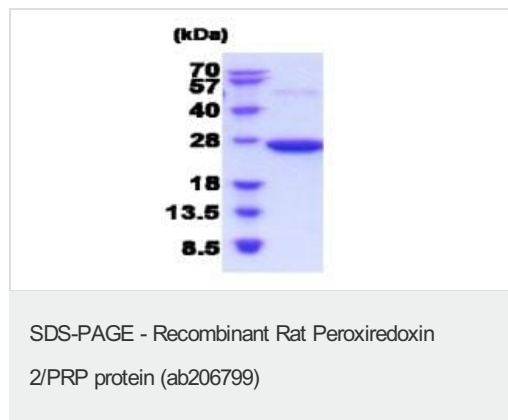
General Info

Function 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 H₂O₂.

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

Cellular localization Cytoplasm.

Images



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

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

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