

Product datasheet

Recombinant Human PRX-1 protein ab171502

1 References 1 Image

Description

Product name	Recombinant Human PRX-1 protein
Purity	> 85 % SDS-PAGE. ab171502 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	P54821-2
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSHTSSYG HVLERQPALG GRLDSPGNLD TLQAKKNFSV SHLLDLEEAG DMVAAQADEN VGEAGRSLE SPGLTSGSDT PQQDNDQLNS EEKKKRKQRR NRTTFNSSL QALERVFERT HYPDAFVRED LARRVNLTEA RVQVWFQNR AKFRRNERAM LANKNASLLK SYSGDVTAVE QPIVPRPAPR PTDYLSWGTA SPYRSSSLPR CCLHEGLHNG F </pre>
Predicted molecular weight	27 kDa including tags
Amino acids	1 to 217
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab171502** 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
Additional notes	Protein previously labeled as PRRX1.

Preparation and Storage

Stability and Storage

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

pH: 8.00

Constituents: 0.03% DTT, 0.32% Tris HCl, 50% Glycerol (glycerin, glycerine), 1.17% Sodium chloride

General Info

Function

Acts as a transcriptional regulator of muscle creatine kinase (MCK) and so has a role in the establishment of diverse mesodermal muscle types. The protein binds to an A/T-rich element in the muscle creatine enhancer.

Sequence similarities

Belongs to the paired homeobox family.
Contains 1 homeobox DNA-binding domain.

Cellular localization

Nucleus.

Images



15% SDS-PAGE analysis of ab171502 (3µg).

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