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Datasheet for ABIN1316149

## Peroxiredoxin 1 Protein (PRDX1) (AA 1-199) (GST tag)

### 1 Image

#### Overview

Quantity:	10 µg
Target:	Peroxiredoxin 1 (PRDX1)
Protein Characteristics:	AA 1-199
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This Peroxiredoxin 1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

#### Product Details

Purpose:	PRDX1 (Human) Recombinant Protein (P01)
Sequence:	MSSGNAKIGH PAPNFKATAV MPDGQFKDIS LSDYKGKYVV FFFHPLDFTF VCPTEIIAFS DRAEEFKKLN CQVIGASVDS HFCHLAWVNT PKKQGGLGPM NIPLVSDPKR TIAQDYGVLK ADEGISFRGL FIIDDKGILR QITVNDLPVG RSVDETLRLV QAFQFTDKHG EVCPAGWKPG SDTIKPDVQK SKEYFSKQK
Characteristics:	Human PRDX1 full-length ORF ( AAH07063, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

#### Target Details

Target:	Peroxiredoxin 1 (PRDX1)
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## Target Details

Alternative Name: PRDX1 ([PRDX1 Products](#))

Background: Full Gene Name: peroxiredoxin 1  
Synonyms: MSP23,NKEFA,PAG,PAGA,PAGB,PRX1,PRXI,TDPX2

Gene ID: 5052

Pathways: [p53 Signaling](#), [EGFR Signaling Pathway](#), [CXCR4-mediated Signaling Events](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system  
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

## Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

## Images

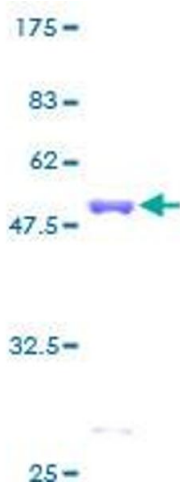


Image 1.