



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### PRDX1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005052-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human PRDX1 full-length ORF (AAH07063, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSSGNAKIGH PAPNFKATAVMPDGQFKDISLSDYK GK  
YVFFFHPLDFTFVCPTEIIAFSDRAEEFKKLNCQVIGA  
SVDSHFCHLAWVNTPKKQGGLGPMNIPLVSDPKRTIA  
QDYGV LKADEGISFRGLFIIDDKGILRQITVNDLPVGRS  
VDETLRLVQAFQFTDKHGVECPAGWKPGSDTIKPDVQ  
KSKEYFSKQK

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 47.63

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

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

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5052

**Gene Symbol:** PRDX1

**Gene Alias:** MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2

**Gene Summary:** This gene encodes a member of the

peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Three transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]