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Human recombinant protein PRDX 1

Human Recombinant PRDX 1
Catalog # PBV10561r

Specification

Human recombinant protein PRDX 1 - Product info

Primary Accession	Q06830
Concentration	1
Calculated MW	24 kDa KDa

Human recombinant protein PRDX 1 - Additional Info

Gene ID	5052
Gene Symbol	PRDX1

Other Names
Peroxiredoxin 1, MSP23, NKEFA, PAG, PAGA, PAGB, PRX1, PRXI, TDPX2, Thioredoxin peroxidase 2.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MSSGNAKIGH PAPNFKATAV MPDGQFKDIS LSDYKGKYVV FFFYPLDFTF VCPTEIIAFS DRAEEFKKLN CQVIGASVDS HFCHLAWVNT PKKQGGLGPM NIPLVSDPKR TIAQDYGVLK ADEGISFRGL FIIDDKGILR QITVNDLPVG RSVDETLRLV QAFQFTDKHG EVCPAGWKPG SDTIKPDVQK SKEYFSKQK

Format
Liquid

Storage
-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 7.5) containing 20% glycerol.

Human recombinant protein PRDX 1 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

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Human recombinant protein PRDX 1 - Images

Human recombinant protein PRDX 1 - Background

Peroxiredoxin-1 in humans is encoded by the PRDX1 gene. 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. It protein may also have a proliferative effect and play a role in cancer development or progression.

Human recombinant protein PRDX 1 - References

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Shau H.,et al.Immunogenetics 40:129-134(1994).
Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases.
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Goshima N.,et al.Nat. Methods 5:1011-1017(2008).