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Human recombinant protein PRDX 6

Human Recombinant PRDX 6
Catalog # PBV10560r

Specification

Human recombinant protein PRDX 6 - Product info

Primary Accession	P30041
Concentration	1
Calculated MW	27.1 kDa KDa

Human recombinant protein PRDX 6 - Additional Info

Gene ID	9588
Gene Symbol	PRDX6

Other Names
Peroxiredoxin 6, 1-Cys, aiPLA2, AOP2, NSGPx, p29, PRX.

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MPGGLLLGDV APNFEANTTV GRIRFHDFLG DSWGILFSHP RDFTPVCTTE LGRAAKLAPE FAKRNVKLIA LSIDSVEDHL AWSKDINAYN CEEPTEKLPF PIIDDRNREL AILLGMLDPA EKDEKGMPVT ARVVFVFGPD KKLKLSILYP ATTGRNFDEI LRVVISLQLT AEKRVATPVD WKDGDSVMVL PTIPEEEAKK LFPKGVFTKE LPSGKKYLRY TPQP

Format
Liquid

Storage
-80°C; 1 mg/ml solution in 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol.

Human recombinant protein PRDX 6 - 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

Human recombinant protein PRDX 6 - Images

Human recombinant protein PRDX 6 - Background

Peroxiredoxin 6, also known as PRDX 6, is a member of the thiol-specific antioxidant protein family. This protein is a bifunctional enzyme with two distinct active sites. It is involved in redox regulation of the cell and can reduce H2O2 and short chain organic, fatty acid, and phospholipid hydroperoxides. It may play a role in the regulation of phospholipid turnover as well as in protection against oxidative injury.

Human recombinant protein PRDX 6 - References

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Frank S.,et al.Oncogene 14:915-921(1997).
Nagase T.,et al.DNA Res. 2:37-43(1995).
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