

Recombinant Rat Prdx6 Protein, His-tagged

Cat. No. Prdx6-330R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Prdx6(Met1~Pro224) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Met1~Pro224
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.3kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION
Gene Name

Prdx6 peroxiredoxin 6 [*Rattus norvegicus*]

Official Symbol

Prdx6

Synonyms

PRDX6; peroxiredoxin 6; peroxiredoxin-6; NSGPx; aiPLA2; 1-Cys PRX; 1-Cys peroxiredoxin; antioxidant protein 2; thiol-specific antioxidant protein; non-selenium glutathione peroxidase; acidic calcium-independent phospholipase A2;

Gene ID

94167

mRNA Refseq

NM_053576

Protein Refseq

NP_446028

UniProt ID

O35244

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