# Recombinant Mouse Prdx2 Protein, His-tagged

**Cat. No.** Prdx2-334H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Prdx2(Ala6~Tyr164) fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | Ala6~Tyr164 |
| **Form** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Molecular Mass** | 19.1kDa |
| **Endotoxin** | <1.0EU per 1μg (determined by the LAL method) |
| **Purity** | > 92% |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB.<br>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 PBS or others. |

## GENE INFORMATION

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| **Gene Name** | Prdx2 peroxiredoxin 2 [ Mus musculus ] |
| **Official Symbol** | Prdx2 |
| **Synonyms** | PRDX2; peroxiredoxin 2; peroxiredoxin-2; Prx II-1; Calpromotin; protector protein; thioredoxin reductase; thioredoxin peroxidase 1; Trx dependent peroxide reductase 1; thiol specific antioxidant protein; thiol-specific antioxidant protein; thioredoxin dependent peroxide reductase 1; thioredoxin-dependent peroxide reductase 1; TR; PRP; TPx; TSA; TDX1; NkefB; PrxII; TPx-B; Tdpx1; Torin; Band-8; AL022839; |
| **Gene ID** | 21672 |
| **mRNA Refseq** | NM_011563 |
| **Protein Refseq** | NP_035693 |
| **UniProt ID** | Q61171 |

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