

## Recombinant Mouse Prdx4 Protein, Myc/DDK-tagged

**Cat. No.** Prdx4-5103M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length peroxiredoxin 4 (Prdx4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                          |
| <b>Species</b>          | Mouse                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                       |
| <b>Description</b>      | Probably involved in redox regulation of the cell. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation. |
| <b>Molecular Mass</b>   | 31.5 kDa                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                               |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                             |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                        |

### GENE INFORMATION

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

|                        |                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Prdx4 peroxiredoxin 4 [ Mus musculus (house mouse) ]                                                                                                                                                    |
| <b>Official Symbol</b> | Prdx4                                                                                                                                                                                                   |
| <b>Synonyms</b>        | PRDX4; peroxiredoxin 4; peroxiredoxin-4; Prx IV; peroxiredoxin IV; antioxidant enzyme AOE372; thioredoxin peroxidase AO372; thioredoxin-dependent peroxide reductase A0372; Prx4; TRANK; AOE372; Prx-iv |
| <b>Gene ID</b>         | 53381                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>     | NM_016764                                                                                                                                                                                               |
| <b>Protein Refseq</b>  | NP_058044                                                                                                                                                                                               |
| <b>UniProt ID</b>      | O08807                                                                                                                                                                                                  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA