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Recombinant Human Peroxiredoxin-3/PRDX3 Protein

产品货号: TP05079

第三版

**别名:** Thioredoxin-Dependent Peroxide Reductase Mitochondrial; Antioxidant Protein 1; AOP-1; HBC189; Peroxiredoxin III; Prx-III; Peroxiredoxin-3; Protein MER5 homolog; PRDX3; AOP1

**描述:** Thioredoxin-Dependent Peroxide Reductase Mitochondrial (PRDX3) is an enzyme that belongs to the AhpC/TSA family. Human and mouse PRDX3 genes are highly conserved, and they map to the regions syntenic between mouse and human chromosomes. Human PRDX3 protein has an antioxidant function and is localized in the mitochondrion. PRDX3 is involved in redox regulation of the cell. PRDX3 protects radical-sensitive enzymes from oxidative damage by a radical-generating system. It acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

**配方:** PBS

**分子量:** 21.6 kDa

**序列:** Pro63-Gln256

**纯度:** > 95% by HPLC

**浓度:**

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.