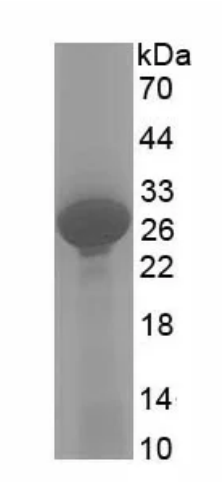
# Recombinant Peroxiredoxin 3 (PRDX3)(N-6His)

*Catalog#:PEH23037*

## 概述（Summary）

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|---|---|
| **别称（Alternative Names）** | MER5; AOP-1; AOP1; SP-22; Antioxidant Protein 1; Thioredoxin-dependent peroxide reductase, mitochondrial |
| **纯度（Purity）** | Greater than 97% as determined by reducing SDS-PAGE. |
| **内毒素（Endotoxin level）** | <1 EU/μg as determined by LAL test. |
| **蛋白构建（Construction）** | 6His-【Val5-Trp233】 |
| **Accession #** | P30048 |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Homo sapiens (Human) |
| **预测分子量（Predicted MW）** | 26.4 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Reconstitute in $ddH_2O$ to a concentration of 0.1-1.0 mg/mL. Do not vortex. |
| **背景介绍（References）** | Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol. |

## 电泳图（SDS-PAGE image）




Greater than 97% as determined by reducing SDS-PAGE.

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.