

Datasheet for ABIN2131276

Peroxiredoxin 1 Protein (PRDX1)[Go to Product page](#)

Overview

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| Quantity: | 100 µg |
| Target: | Peroxiredoxin 1 (PRDX1) |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Application: | SDS-PAGE (SDS) |

Product Details

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| Purity: | > 90 % pure |
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Target Details

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| Target: | Peroxiredoxin 1 (PRDX1) |
| Alternative Name: | PRDX1 (PRDX1 Products) |
| Molecular Weight: | 24 kDa (219 aa), confirmed by MALDI-TOF. |
| Pathways: | p53 Signaling , EGFR Signaling Pathway , CXCR4-mediated Signaling Events |

Application Details

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| Comment: | Biological activity: Specific activity: approximately 600-670 pM/min/µg. Enzymatic activity was confirmed by measuring the remaining peroxide after incubation of PRDX1 and peroxide for 20 min at room temperature. Specific activity is defined as the amount of hydroperoxide that 1µg |
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Application Details

of enzyme can reduce at 25 DEG C for 1 minute.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris, pH 7.5, 20 % glycerol

Storage: 4 °C/-20 °C/-80 °C