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Datasheet for ABIN2131277

Peroxiredoxin 4 Protein (PRDX4)

Overview

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| Quantity: | 100 µg |
| Target: | Peroxiredoxin 4 (PRDX4) |
| 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 4 (PRDX4) |
| Alternative Name: | PRDX4 (PRDX4 Products) |
| Molecular Weight: | 28.8 kDa (255aa), confirmed by MALDI-TOF. |

Application Details

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| Comment: | Biological activity: Specific activity: approximately 230-310 pmole/min/µg. Enzymatic activity was confirmed by measuring the remaining peroxide after incubation of PRDX4 and peroxide for 20 min at room temperature. Specific activity is defined as the amount of hydroperoxide that 1µg of enzyme can reduce at 25 EG C for 1 minute. |
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 10 % glycerol.

Storage: 4 °C/-20 °C/-80 °C