

RPPB1923

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## Product Information    Protein Information

**Product SKU:**

RPPB1923

**Host:**

Root extracts of horseradish.

**Protein description:**

HRP consists of the basic isoenzyme having a molecular weight of 44 kDa. The Horseradish Peroxidase is purified by affinity chromatography, which results in an enzyme of high specific activity and purity.

**Appearance:**

Sterile Filtered red-brown lyophilized powder.

**Synonyms:**

Horseradish Peroxidase, HRP, EC 1.11.1.7.

**Purity:**

(A403/A275) = RZ: 3.0.

**Solubility:**

It is recommended to reconstitute the lyophilized HRP in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml or more than 10 mg/ml solutions.

**Stability:**

Lyophilized HRP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HRP should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Biological Activity:**

276 U/mg (25°C, guaiacol as the hydrogen donor, pH-7 and H<sub>2</sub>O<sub>2</sub> as substrates).