

**Peroxidase from Horseradish, Activity:>110U/mg RZ>1**

**Product Code:** 174664

**EC: 1.11.1.7**

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**SKU:** 174664

**Category:** [Enzymes](#)

## PRODUCT DESCRIPTION

### SPECIFICATIONS

**EC 1.11.1.7**

Product name:	Donor:hydrogen-peroxidase oxidoreductase
Appearance:	Reddish brown amorphous powder lyophilized
Activity:	Grade III, 110 Purpurogallin U/mg-solid or more (RZ≥ 1, salt free)
Stability:	Stable at ±20°C for at least 12 months
Molecular weight:	approx. 40,000
Structure:	Glycoprotein with one mole of protohaemin IX
Inhibitors:	Cyanide, sulfide, fluoride, azide
Optimum pH:	6.0±7.0

Optimum temperature:	45 °C
pH Stability:	pH 5.0–10.0 (25 °C, 20hr)
Thermal stability:	below 50 °C (pH 6.0, 10min)