

Peroxidase from Horseradish, Grade III, Activity: >110U/mg RZ>2.0

Product Code: 174322

EC: 1.11.1.7

SKU: 174322

Category: [Enzymes](#)

PRODUCT DESCRIPTION

SPECIFICATIONS

EC 1.11.1.7

Product name:	Donor:hydrogen-peroxidase oxidoreductase
Appearance:	Reddish brown amorphous powder lyophilized
Activity: salt free)	Grade III, 180 Purpurogallin U/mg-solid or more (RZ≥ 2.0,
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)