Active Recombinant Horseradish Peroxidase

Cat. No. HPR-057 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Horseradish Peroxidase Protein
Source	E.coli
Description	Horseradish peroxidase (donor:hydrogen-peroxide oxidoreductase, EC 1.11.1.7) (HRP) belongs to a family of proteins with ferriprotoporphyrin IX as a prosthetic group. These heme enzymes function to either activate dioxygen for incorporation into the substrate (oxygenase activity) or use peroxides for oxidation of the substrate (peroxidase activity). Peroxidase is found widely distributed in higher plants (horseradish, turnip, fig sap, tobacco, potato) and microorganisms (yeast cytochrome c). The present discussion focuses on the well-studied horseradish peroxidase.
Form	Reddish-brown amorphous powder
Bio-activity	≥ 250 U/mg material
Notes	This product is for research and manufacturing use only and is not intended for diagnostic or therapeutic use.
Storage	At -20 centigrade: At least 3 years
EC No.	1.11.1.7
RZ	≥ 3.0

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GENE INFORMATION

Official Symbol	HPR
Synonyms	Horseradish Peroxidase; HRP

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