

Bioactive

Peroxidase (Horseradish)

Catalog # P5232 Size 100 mg

Specification

Product Description	Lyophilized. Dialyzed. RZ >1.0.
Biological function	Peroxidase (HRP) is a hemoprotein catalyzing the oxidation by hydrogen peroxide of a number of substrates such as ascorbate, ferrocyanide, cytochrome C and the leuco form of many dyes.
Host	Plants
Theoretical MW (kDa)	40
Form	Lyophilized
Preparation Method	Native protein purified from Horseradish Roots
Activity	≥85 units per mg dry weight. One Unit decomposes 1 umole of H ₂ O ₂ per minute at 25°C, pH 7.0 using aminoantipyrine and phenol.
Recommend Usage	Peroxidase Assay
Storage Instruction	Store at -20°C.
Note	The RZ (Reinheitzahl) is the absorbance ratio A403/A275, RZ has been used as an indication of purity.

Applications

- Enzyme Activity