

Product:	PEROXIDASE
Product code:	HRP5
E.C. number:	1.11.1.7
CAS number:	9003-99-0
EINECS number:	232-668-6
Systematic name:	Donor:hydrogen-peroxide oxidoreductase
Source:	Horseradish
Form:	A freeze-dried acidic isozyme of peroxidase.
Storage conditions:	Store desiccated at -15°C or below. Allow to come to room temperature before opening. Before returning to storage, re-desiccate under vacuum over silica gel for a minimum of four hours. Re-seal before returning to -15°C or below.
Unit definition:	That amount of enzyme that will catalyse the production of 1mg of purpurogallin from pyrogallol in 20 seconds at 20°C and pH 6.0.
Activity:	Not less than 72U/mg material
RZ (E₄₀₃/E₂₇₅):	Approximately 3.5
IEF Profile:	No bands above pI 4.55 as indicated by BBI Solutions IEF procedure.
Solubility:	Dissolves readily at 5mg/ml in 0.1M Potassium phosphate buffer, pH 6.0, to give a clear solution.