

Peroxidase Active Protein | HRP active protein

Horseradish Peroxidase

CATALOG #
AAA38278

PRODUCT SYNONYMS

Peroxidase; Horseradish Peroxidase; HRP; EC 1.11.1.7; HRP active protein

PRODUCT SPECIFICATIONS

Purity/Purification	(A403/A275) = RZ: 3.0
Form/Format	Sterile Filtered red-brown lyophilized powder.
Sequence Length	502
Source	Root extracts of horseradish
Solubility	It is recommended to reconstitute the lyophilized HRP in sterile 18M Ω -cm H ₂ O not less than 100 μ g/ml.
Activity	276 U/mg (25°C, guaiacol as the hydrogen donor, pH-7 and H ₂ O ₂ as substrates).
Preparation and Storage	Lyophilized HRP although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HRP should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for HRP active protein	HRP consists of the basic isoenzyme having a molecular weight of 44 kDa. The Horseradish Peroxidase is purified by affinity chromatography, which results in an enzyme of high specific activity and purity.
Product Categories/Family for HRP active protein	Enzymes ; Natural Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	75504874
NCBI Official Full Name	Hrp protein
UniProt Protein Name	Hrp protein
UniProt Gene Name	hrp
UniProt Entry Name	Q56831_9XANT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/hrp-active-protein/peroxidase/38278>