



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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Product Number	OPPA00841
Product Page	<a href="http://www.avivasysbio.com/hrp-horseradish-peroxidase-protein-oppa00841.html">www.avivasysbio.com/hrp-horseradish-peroxidase-protein-oppa00841.html</a>
Name	HRP - Horseradish Peroxidase Protein (OPPA00841)
Molecular Weight	44 kDa
Purity	(A403/A275) = RZ: 3.0
Source	Root extracts of horseradish
Alias Symbols	Horseradish Peroxidase, HRP, EC 1.11.1.7
Product Format	<b>Lyophilized</b> <b>Physical Appearance:</b> Sterile filtered red-brown powder
Description of Target	The enzyme horseradish peroxidase, found in horseradish, is used extensively in molecular biology and in antibody amplification and detection, among other things. For example, "In recent years the technique of marking neurons with the enzyme horseradish peroxidase (HRP) has become a major tool. In its brief history, this method has probably been used by more neurobiologists than have used the Golgi stain since its discovery in 1870." Horseradish peroxidase is also highly used in techniques such as Western Blot and ELISA. HRP is widely used as an enzymatic label in immunoassays. Usually, the enzyme is coupled to antibodies, lectins or haptens. Coupling to antibodies etc. may be performed through the carbohydrate side chains of the HRP.
Reconstitution and Storage	It is recommended to reconstitute the lyophilized HRP in sterile 18M $\Omega$ -cm H <sub>2</sub> O not less than 100 $\mu$ g/ml or more than 10 mg/ml solutions. 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.
Datasheets/Manuals	Printable datasheet for <a href="http://www.avivasysbio.com/hrp-horseradish-peroxidase-protein-oppa00841.html">OPPA00841</a>
Biological Activity	276 U/mg (25°C, guaiacol as the hydrogen donor, pH-7 and H <sub>2</sub> O <sub>2</sub> as substrates).
Purification	Purified by affinity chromatography, which results in an enzyme of high specific activity and purity.
Gene Symbol	HRP
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.  
Optimal conditions of its use should be determined by end users.