

Datasheet: 7370-9902

Description:	NATIVE RABBIT PHOSPHORYLASE B
Name:	PHOSPHORYLASE B
Format:	Purified
Product Type:	Purified Protein
Quantity:	25 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Rabbit
Product Form	Purified enzyme from rabbit skeletal muscle - liquid
Preservative Stabilisers	None present
Approx. Protein Concentrations	5.0 mg/ml

Product Information **Native Rabbit Phosphorylase B** is a member of the protein kinase superfamily. Phosphorylases catalyse the breakdown of glycogen in liver and muscle. The phosphorylase of skeletal muscle occurs in two forms, the active form (phosphorylase-a) and a much less active form (phosphorylase b). Phosphorylase b has a molecular weight of approximately 185kDa.

Activity 55-60 U/mg protein

One unit will liberate one μ M of glucose-1-phosphate from glycogen and orthophosphate per minute at 37°C and pH 6.8.

Purity	Protein: 95%
Further Reading	1. Fischer, E.H. and Krebs, E.G. (1958) The isolation and crystallization of rabbit skeletal muscle phosphorylase b. J Biol Chem. 231: 65-71.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10078 available at: https://www.bio-rad-antibodies.com/SDS/7370-9902 10078
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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