

Datasheet: 7840-0604

**BATCH NUMBER 166823**

<b>Description:</b>	NATIVE STAPHYLOCOCCUS AUREUS PROTEIN A
<b>Name:</b>	PROTEIN A
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	5 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunoprecipitation	▪			

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.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified protein from <i>S. aureus</i> - lyophilized
<b>Reconstitution</b>	Use sterile distilled water or physiological buffer of choice.
<b>Preparation</b>	Affinity chromatography
<b>Preservative Stabilisers</b>	None present

**Product Information** **Native Staphylococcus aureus Protein A** binds to the following immunoglobulins:

Human	IgG1, IgG2, IgG4
Mouse	IgG2a, IgG2b, IgG3
Rat	IgG1, IgG2c
Guinea pig	IgG1, IgG2
Rabbit	IgG
Dog	IgGA, IgGB, IgGC, IgGD

**Molecular Weight** 42 kDa

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**Protein Molecular Weight** 42 kDa

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**Purity** 95% by SDS PAGE

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**References** 1. Chen, A. *et al.* (2013) Lysine deacetylase inhibition promotes relaxation of arterial tone and C-terminal acetylation of HSPB6 (Hsp20) in vascular smooth muscle cells. [Physiol Rep. 1 \(6\): e00127.](#)

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**Storage** Store at -20 after reconstitution°C only.  
Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10268 available at:  
<https://www.bio-rad-antibodies.com/SDS/7840-0604>  
10268

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**Regulatory** For research purposes only

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