

## Datasheet: 7860-0104

<b>Description:</b>	RECOMBINANT PROTEIN G
<b>Name:</b>	PROTEIN G
<b>Format:</b>	Purified
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	1 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
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.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Recombinant protein - lyophilized
<b>Reconstitution</b>	Reconstitute with 1.0 ml sterile distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
<b>Preparation</b>	Recombinant protein expressed in <i>E. coli</i> and purified by affinity chromatography and ion exchange chromatography.
<b>Preservative Stabilisers</b>	None present
<b>Product Information</b>	Protein G binds Fc-fragment of all subclasses of IgG from human, mouse, rat, rabbit, sheep and goat. Does not bind human IgM, IgA, IgD or albumin.
<b>Protein Molecular Weight</b>	26 kDa
<b>Purity</b>	SDS PAGE: >95%
<b>Storage</b>	Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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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:  
10268: <https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf>

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**Regulatory** For research purposes only

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**Printed on 11 Aug 2020**

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