

Datasheet: PPP014

Description:	RECOMBINANT PIG GM-CSF
Name:	GM-CSF
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	1 ml

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	▪			
Functional Assays	▪			

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	Pig
Product Form	Tissue Culture Supernatant from HEK293T cells expressing recombinant Porcine GM-CSF- lyophilized
Reconstitution	Reconstitute with 1.0ml 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. Further dilutions should be made in buffer containing carrier protein.
Preservative Stabilisers	1% Bovine Serum Albumin
External Database Links	<p>UniProt: Q29118 Related reagents</p> <p>Entrez Gene: 397208 CSF2 Related reagents</p>

Product Information **Porcine Granulocyte Macrophage - Colony Stimulating Factor (GM-CSF)** is involved in granulocyte and macrophage differentiation and activation.

Storage 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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10219 available at:
10219: <https://www.bio-rad-antibodies.com/uploads/MSDS/10219.pdf>

Regulatory For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

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)
'M391143:211008'

Printed on 19 Feb 2022

© 2022 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)