

Datasheet: PMP41

Description:	RECOMBINANT MOUSE G-CSF
Name:	G-CSF
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	10 µg

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.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			■	
Functional Assays	■			0.1ng/ml - 1.0ng/ml

Where this protein 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 positive/negative controls.

Target Species	Mouse
Product Form	Purified recombinant protein - lyophilised
Reconstitution	Reconstitute with 10 ul distilled water
Note	Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Serotec recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein expressed in <i>E.coli</i>
Buffer Solution	5mM Sodium Citrate pH4.0
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	<p>UniProt: P09920 CSF3_MOUSE Related reagents</p> <p>Entrez Gene: 12985 Csf3 Related reagents</p>
Synonyms	Csfg
Product Information	Granulocyte colony stimulating factor (G-CSF) stimulates the proliferation and differentiation of granulocyte progenitors in the bone marrow.

Protein Molecular Weight	19.0kD (179 amino acid sequence)
Purity	>98% by SDS PAGE and HPLC
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet Documentation #10175 available at: http://www.abdserotec.com/uploads/MSDS/10175.pdf
Regulatory	For research purposes only

North & South America Tel: +1 800 265 7376
 Fax: +1 919 878 3751
 Email: sales.us@abdserotec.com

Worldwide

Tel: +44 1865 852 700
 Fax: +44 1865 852 739
 Email: sales@abdserotec.com

Europe

Tel: 00800 2255 4223
 Fax: 00800 2329 2223
 Email: sales.eu@abdserotec.com

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Printed on 31 May 2013

