

## Datasheet: PBP023

**BATCH NUMBER 164735**

<b>Description:</b>	RECOMBINANT BOVINE CXCL9
<b>Name:</b>	CXCL9
<b>Other names:</b>	MIG
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	5 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.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>	Bovine
<b>Product Form</b>	Purified recombinant protein - lyophilized
<b>Reconstitution</b>	Reconstitute with 20 µl sterile PBS containing 0.1% carrier protein 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>Pichia pastoris</i> and purified by ion-exchange chromatography
<b>Source</b>	<i>Pichia pastoris</i>
<b>Preservative Stabilisers</b>	10% Trehalose
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">A9QWP9</a> <a href="#">Related reagents</a>

**Entrez Gene:**

[513990](#) CXCL9 [Related reagents](#)

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**Product Information** **Recombinant Bovine CXCL9** is a recombinant protein corresponding to aa 22 - 125 of bovine CXCL9, also known as MIG (monokine induced by Interferon-gamma). CXCL9 is a member of the CXC family of chemokine receptors, secreted by interferony stimulated monocytes, macrophages and endothelial cells, which signals through binding to CD183 (CXCR3). CXCL9 acts as a Th1 (type 1 helper T) cell chemoattractant and plays a role in the growth, activation and movement of cells associated with immune and inflammatory responses, and in tumour growth inhibition.

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**Protein Molecular Weight** 11.9 kDa

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**Purity** >95% by SDS PAGE analysis

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**ELISA** This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2369](#) as a coating antibody and [AHP2369B](#) as a detection antibody.

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**Storage** Prior to reconstitution store at -20°C.  
After reconstitution store at -20°C.  
Storage in frost-free freezers is not recommended. This product should be stored undiluted.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10591 available at: <https://www.bio-rad-antibodies.com/SDS/PBP02310591>

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**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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