

Datasheet: PPP018

Description:	RECOMBINANT PIG MIP-1 BETA
Name:	MIP-1 BETA
Other names:	CCL4
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			
Western Blotting	▪			

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	Purified recombinant protein - lyophilized
Reconstitution	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.
Preparation	Recombinant protein expressed in <i>Pichia pastoris</i> and purified by ion-exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	10% Trehalose
External Database Links	UniProt: Q711P4 Related reagents

Entrez Gene:

[396668](#) CCL4 [Related reagents](#)

Synonyms MIP1B, SCY4A

Product Information **Recombinant Pig MIP-1 beta** (macrophage inflammatory protein-1 beta), also known as C-C motif chemokine 4 (CCL4), is a recombinant protein corresponding to aa 24-92 of native pig MIP-1 β . Porcine MIP-1 β is a secreted protein belonging to the intercrine beta (chemokine CC) family.

Porcine MIP-1 β functions in inflammatory responses and as a chemoattractant for various cell types including NK cells and monocytes.

Protein Molecular Weight 9.3 kDa

Purity >95% by SDS PAGE analysis

ELISA This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2386](#) as a coating antibody and [AHP2386B](#) as a detection antibody.

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10591 available at: 10591: <https://www.bio-rad-antibodies.com/uploads/MSDS/10591.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)

'M334923:181203'

Printed on 21 Mar 2022

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