

Datasheet: PBP038

Description:	RECOMBINANT BOVINE MIP-1 ALPHA
Name:	MIP-1 ALPHA
Other names:	CCL3
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	Bovine
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: Q8SQA6 Related reagents Entrez Gene: 282170 CCL3 Related reagents
Synonyms	SCYA3
Product Information	Recombinant Bovine MIP-1 alpha , also known as CCL3, is a recombinant protein corresponding

to the 24 -93 amino acid sequence of native bovine MIP-1 alpha.

MIP-1 alpha, belonging to the CC chemokine family, plays a critical role in hematopoiesis and is shown to signal through the chemokine receptors CCR1, CCR4 and CCR5.

MIP-1 alpha is also involved in host defence against invading pathogens, acting as a regulator of activation and trafficking of inflammatory cells, such as macrophages, NK cells, granulocytes, dendritic cells and T-cells.

Protein Molecular Weight	7.8 kDa
Purity	>95% by SDS PAGE analysis
ELISA	This reagent may be used as a standard in a sandwich ELISA assay in conjunction with AHP2996 as a coating antibody and AHP2996B 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.
Shelf Life	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

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