

Datasheet: PBP016A

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|----------------------|--------------------------------------|
| Description: | RECOMBINANT BOVINE INTERLEUKIN-10 |
| Name: | IL-10 |
| Other names: | CYTOKINE SYNTHESIS INHIBITORY FACTOR |
| Format: | Rec. Protein |
| Product Type: | Recombinant Protein |
| Quantity: | 25 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 | ■ | | | |
| 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 | Bovine |
| Product Form | Purified recombinant protein - lyophilized |
| Reconstitution | Reconstitute with 100µl 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 | <p>UniProt: P43480 Related reagents</p> <p>Entrez Gene: 281246 IL10 Related reagents</p> |

Specificity **Recombinant Bovine Interleukin-10 (IL-10), also known as Cytokine synthesis inhibitory factor (CSIF), is a secreted anti inflammatory cytokine produced primarily by monocytes. IL-10 inhibits the synthesis of pro-inflammatory cytokines such as IFN γ , IL-2, IL-4, GM-CSF**

and TNF α .

Recombinant Bovine Interleukin-10 is a purified recombinant cytokine corresponding to a 160 amino acid sequence of bovine IL-10 and is suitable for use as standard in the development of ELISA assays.

Product Information **Recombinant Bovine Interleukin-10** (IL-10), also known as cytokine synthesis inhibitory factor (CSIF), is a secreted anti inflammatory cytokine produced primarily by monocytes. IL-10 inhibits the synthesis of pro-inflammatory cytokines such as IFN γ , IL-2, IL-4, GM-CSF and TNF α .

This product is a purified recombinant cytokine corresponding to a 160 amino acid sequence of bovine IL-10 and is suitable for use as standard in the development of ELISA assays.

Molecular Weight 18.6 kDa

Purity >95% by SDS PAGE

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 protein.

Shelf Life 12 months from date of despatch

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

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[MOUSE ANTI BOVINE INTERLEUKIN-10:Biotin \(MCA2111B\)](#)

[MOUSE ANTI BOVINE INTERLEUKIN-10 \(MCA2110\)](#)

[MOUSE ANTI BOVINE INTERLEUKIN-10:Low Endotoxin \(MCA2111EL\)](#)

[MOUSE ANTI BOVINE INTERFERON GAMMA \(MCA2112\)](#)

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