

Datasheet: PBP033

BATCH NUMBER 164729

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|----------------------|------------------------------------|
| Description: | RECOMBINANT BOVINE INTERLEUKIN-1RA |
| Name: | IL-1RA |
| 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 |
| Source | <i>Pichia pastoris</i> |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 10% Trehalose |

**External Database
Links**

UniProt:

[O77482](#) [Related reagents](#)

Entrez Gene:

[281860](#) IL1RN [Related reagents](#)

Product Information **Recombinant Bovine interleukin-1RA** (IL-1RA) is a recombinant protein corresponding to aa 24-174 of native bovine IL-1RA.

Bovine IL-1RA belongs to the IL-1 cytokine family and is secreted by several cell types, including epithelial cells and adipocytes. IL-1RA inhibits the pro-inflammatory effects of both IL-1 α and IL-1 β .

Protein Molecular Weight 17.2 kDa

Purity >95% by SDS PAGE analysis

ELISA This reagent may be used as a standard in a sandwich ELISA assay in conjunction with [AHP2378](#) as a coating antibody and [AHP2378B](#) 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. Avoid repeated freezing and thawing as this may denature the protein.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10591 available at: <https://www.bio-rad-antibodies.com/SDS/PBP033>
10591

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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