

Datasheet: PBP028

Description:	RECOMBINANT BOVINE INTERLEUKIN-21
Name:	IL-21
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	<p>UniProt: Q76LU5 Related reagents</p> <p>Entrez Gene: 378475 IL21 Related reagents</p>

Product Information **Recombinant Bovine interleukin-21 (IL-21)** is a recombinant protein corresponding to aa 18-146 of native bovine IL-21.

Bovine interleukin-21 is a potent type I regulatory cytokine belonging to the IL-15/IL-21 family

expressed by activated T-cells. Interleukin-21 is involved with the modulation of T and B cell activity along with promoting proliferation of NK cells and cytotoxic T-cells.

Protein Molecular Weight	15.1 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 AHP2379 as a coating antibody and AHP2379B 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. Avoid repeated freezing and thawing as this may denature the protein.
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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: 10591: https://www.bio-rad-antibodies.com/uploads/MSDS/10591.pdf
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Regulatory	For research purposes only
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