

Datasheet: PHP099A

Description:	RECOMBINANT HUMAN INTERLEUKIN-15
Name:	IL-15
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	10 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			■	
Functional Assays	■			0.1ng/ml - 10ng/ml

Where this protein 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 positive/negative controls.

Target Species	Human
Product Form	Purified recombinant protein - lyophilised.
Reconstitution	Reconstitute with 20 µl distilled water. For extended storage the addition of 0.1% BSA and 0.09% sodium azide is recommended. 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. N.B. For functional studies do not add sodium azide
Buffer Solution	Sodium Phosphate
Preservative Stabilisers	None present
Endotoxin Level	<0.1 ng/ug
Approx. Protein Concentrations	Total protein concentration 0.5 mg/ml after reconstitution
External Database Links	UniProt: P40933 Related reagents Entrez Gene:

Product Information	This product is an <i>E. coli</i> -derived recombinant protein corresponding to full-length mature human Interleukin-15 (IL-15), a cytokine that stimulates proliferation of T-lymphocytes
Protein Molecular Weight	12.9 kDa based on 115 amino acid sequence
Activity	PHP099A has a specific activity of $> 2 \times 10^6$ units/mg as determined by dose-dependent proliferation assay of CTLL-2 cells.
Purity	>98% by SDS PAGE and HPLC
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10527 available at: 10527: https://www.bio-rad-antibodies.com/uploads/MSDS/10527.pdf
Regulatory	For research purposes only

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