

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 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	Human
Product Form	Purified recombinant protein - lyophilized
Reconstitution	<p>Reconstitute with 20 ul distilled water. For extended storage the addition of 0.1% BSA and 0.09% sodium azide is recommended.</p> <p>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</p>
Source	E.coli
Buffer Solution	Sodium Phosphate
Preservative Stabilisers	None present
Carrier Free	Yes

Endotoxin Level	< 0.1 ng/ug
Approx. Protein Concentrations	Total protein concentration 0.5 mg/ml after reconstitution
External Database Links	<p>UniProt: P40933 Related reagents</p> <p>Entrez Gene: 3600 IL15 Related reagents</p>
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 x 10 ⁶ units/mg as determined by dose-dependent proliferation assay of CTLL-2 cells.
Purity	>98% by SDS PAGE and HPLC
Storage	<p>Prior to reconstitution store at -20°C. Following reconstitution store at -20°C</p> <p>This product should be stored undiluted.</p> <p>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.</p>
Guarantee	Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10527 available at: https://www.bio-rad-antibodies.com/SDS/PHP099A10527
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
----------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------	------------------	-------------------------------------------------------------------------------------------------------------------------------------------------	---------------	-----------------------------------------------------------------------------------------------------------------------------------------------------

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)
'M420093:230706'

Printed on 12 Aug 2023