

## Datasheet: PHP048

<b>Description:</b>	RECOMBINANT HUMAN INTERLEUKIN-11
<b>Name:</b>	IL-11
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA			▪	
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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified recombinant protein - lyophilized
<b>Reconstitution</b>	Reconstitute with 20ul distilled water. 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.
<b>Source</b>	E.coli
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	0.5 mg/ml after reconstitution
<b>External Database Links</b>	<b>UniProt:</b> <a href="https://www.uniprot.org/entry/P20809">P20809</a> <a href="#">Related reagents</a>

**Entrez Gene:**[3589](#) IL11 [Related reagents](#)

---

**Product Information** **Human Interleukin 11** is a potent lymphoid cell growth factor which stimulates the growth and survival of certain B cells and T cells. This product has an ED50 of 0.5ng/ml as determined in a proliferation assay using murine T1165 hybridoma cells.

---

**Protein Molecular Weight** 19.5kDa (179 Amino acid sequence)

---

**Purity** >98% by SDS PAGE

---

**Storage** Prior to reconstitution store at -20°C. Following reconstitution store at -20°C. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

---

**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 #10268 available at: <https://www.bio-rad-antibodies.com/SDS/PHP04810268>

---

**Regulatory** For research purposes only

---

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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)

'M420081:230706'

**Printed on 18 Jan 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)