

Datasheet: PHP048

BATCH NUMBER 159853

Description:	RECOMBINANT HUMAN INTERLEUKIN-11
Name:	IL-11
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			▪	
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 - lyophilised
Reconstitution	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.
Preservative Stabilisers	None present
Carrier Free	Yes
Approx. Protein Concentrations	0.5 mg/ml after reconstitution
External Database Links	UniProt: P20809 Related reagents

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 #10277 available at: <https://www.bio-rad-antibodies.com/SDS/PHP04810277>

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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