

## Datasheet: PHP200

<b>Description:</b>	RECOMBINANT HUMAN RESISTIN
<b>Name:</b>	RESISTIN
<b>Other names:</b>	ADIPOSE TISSUE-SPECIFIC SECRETORY FACTOR
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	25 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	▪			0.2 - 0.4ng/well
Western Blotting	▪			1.5 - 3.0ng/lane
Functional Assays	▪			

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 250 ul 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>Preparation</b>	Purified recombinant resistin expressed in <i>E.coli</i>
<b>Source</b>	E.coli
<b>Buffer Solution</b>	10mM Sodium Citrate
<b>Preservative Stabilisers</b>	None present
<b>Carrier Free</b>	Yes

<b>Endotoxin Level</b>	< 1.0 EU/ug
<b>Approx. Protein Concentrations</b>	Total protein concentration 0.1 mg/ml after reconstitution
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q9HD89</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">56729</a>    RETN    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	FIZZ3, HXCP1, RSTN
<b>Product Information</b>	<p>Human resistin, a disulfide-linked homodimeric protein otherwise known as adipose tissue-specific secretory factor, is an adipose-derived hormone and member of the resistin/FIZZ family, implicated as a suppressor of the ability of insulin to reduce blood sugar, and to play a role in type 2 diabetes and obesity.</p> <p>Resistin is involved in an increase in the transcription/expression of many pro-inflammatory cytokines, including interleukin-1,-6 and -12, and also upregulates vascular cell-adhesion molecule-1 (VCAM-1), intracellular adhesion molecule-1 (ICAM-1), and monocyte chemotactic protein-1 (MCP-1/CCL2).</p>
<b>Protein Molecular Weight</b>	19.5 kDa
<b>Activity</b>	Determined by its ability to stimulate lipolysis in cultured human adipocytes
<b>Purity</b>	>98% by SDS PAGE and HPLC analysis
<b>Storage</b>	<p>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 antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	Guaranteed for 3 months from the date of reconstitution or until the date of expiry, whichever comes first. Please see label for expiry date.
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10527 available at:  <a href="https://www.bio-rad-antibodies.com/SDS/PHP20010527">https://www.bio-rad-antibodies.com/SDS/PHP20010527</a></p>
<b>Regulatory</b>	For research purposes only

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

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://bio-rad-antibodies.com/datasheets)

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