

Datasheet: PHP200

BATCH NUMBER 164856

Description:	RECOMBINANT HUMAN RESISTIN
Name:	RESISTIN
Other names:	ADIPOSE TISSUE-SPECIFIC SECRETORY FACTOR
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	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.

	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.

Target Species	Human
Product Form	Purified recombinant protein - lyophilized
Reconstitution	Reconstitute with 250 µl 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.
Preparation	Purified recombinant resistin expressed in <i>E.coli</i>
Source	E.coli
Buffer Solution	10mM Sodium Citrate
Preservative Stabilisers	None present

Carrier Free	Yes
Endotoxin Level	< 1.0 EU/ug
Approx. Protein Concentrations	Total protein concentration 0.1 mg/ml after reconstitution
External Database Links	<p>UniProt: Q9HD89 Related reagents</p> <p>Entrez Gene: 56729 RETN Related reagents</p>
Synonyms	FIZZ3, HXCP1, RSTN
Product Information	<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>
Protein Molecular Weight	19.5 kDa
Activity	Determined by its ability to stimulate lipolysis in cultured human adipocytes
Purity	>98% by SDS PAGE and HPLC analysis
Storage	<p>Prior to reconstitution store at -20°C.</p> <p>After reconstitution store at -20°C.</p> <p>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>
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	<p>Material Safety Datasheet documentation #10175 available at: https://www.bio-rad-antibodies.com/SDS/PHP20010175</p>
Regulatory	For research purposes only

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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