

## OriGene Technologies Inc.

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## AR09496PU-N OriGene EU

Acris Antibodies GmbH Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

		Recombinant Rat Resistin / RETN - Purified
Altern	nate names:	ADSF, Adipose tissue-specific secretory factor, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, FIZZ3, HXCP1, RSTN
Catalo	og No.:	AR09496PU-N
Quant	tity:	25 μg
Backg	ground:	Resistin belongs to a family of tissue-specific cytokines termed FIZZ (found in inflammatory zones) and RELM. The three known members of this family; Resistin, RELM-alpha and RELM- beta share a highly conserved C-terminal domain, characterized by 10 cysteine residues with a unique spacing motif of C-X11-C-X8-C-X-C-X3-C-X10-C-X-C-X9-C-C. Resistin is an adipose-derived cytokine (adipokine) whose physiological function and molecular targets are largely unknown. Studies have shown that Resistin suppresses insulin's ability to stimulate glucose uptake, and postulated that Resistin might be an important link between obesity and Type 2 diabetes. Other studies have indicated that Resistin expression is severely suppressed in obesity and that it may act as a feedback regulator of Adipogenesis.
Unipr	ot ID:	<u>Q8K4I7</u>
NCBI:		<u>NP_653342</u>
Genel	ID:	246250
Speci	es:	Rat
Sourc	:e:	E. coli
Forma	at:	<ul> <li>State: Lyophilized (0.2 μ Sterile filtered) purified protein</li> <li>Purity: &gt;97% pure by SDS-PAGE gel and HPLC analyses</li> <li>Buffer System: 10mM Sodium Citrate, pH 4.0</li> <li>Endotoxin Level: &lt; 0.1 ng per μg (1EU/μg)</li> <li>Reconstitution: Restore in water to a concentration of 0.1-1.0 mg/ml.</li> <li>Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C</li> </ul>
Descr	iption:	Recombinant Rat Resistin is a 20.0 kDa disulfide-linked homodimeric protein composed of two 94 identical amino acid chains linked by a single disulfide bond. AA Sequence: PSMSLCPMDE AISKKINQDF SSLLPAAMKN TVLHCWSVSS RGRLASCPEG TTVTSCSCGS GCGSWDVRED TMCHCQCGSIÂ DWTAARCCTL RVGS Molecular weight: 20.0 kDa
Add. I	nformation:	Centrifuge vial before opening.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



MS/20130711

Acris Antibodies is now part of the OriGene family. Learn more at www.origene.com

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Storage:

Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.



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