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Recombinant Rat Resistin

Description: 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-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. 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.

Source:	E.coli
Molecular Weight:	20 kDa
Purity:	> 97% by SDS-PAGE and HPLC analysis
Endotoxin level:	< 0.1 ng/µg of rat Resistin
Formulation:	lyophilized

Biological Activity: Not available at this time!

Stability: The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted rat Resistin should be stored in working aliquots at -20°C. **Avoid repeated freeze-thaw cycles.**

Usage: Rat Resistin is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: R20-054	Size: 25 µg
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****please note: always centrifuge product before opening vial ****