

Recombinant Rat Resistin / RETN - Purified

Alternate 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
Catalog No.:	AR09496PU-S
Quantity:	5 µg
Background:	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.
Uniprot ID:	Q8K4I7
NCBI:	NP_653342
GeneID:	246250
Species:	Rat
Source:	E. coli
Format:	State: Lyophilized (0.2 µ Sterile filtered) purified protein Purity: >97% pure by SDS-PAGE gel and HPLC analyses Buffer System: 10mM Sodium Citrate, pH 4.0 Endotoxin Level: < 0.1 ng per µg (1EU/µg) Reconstitution: Restore in water to a concentration of 0.1-1.0 mg/ml. 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
Description:	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 SLLPAAMKN TVLHCWSVSS RGRLASCPEG TTVTSCSCGS GCGSWDVRED TMCHCQCGSIÄ DWTAARCCTL RVGS Molecular weight: 20.0 kDa
Add. Information:	Centrifuge vial before opening.

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.