

Resistin Protein, Human (His)

Cat. No.:	HY-P71259
Synonyms:	Resistin; Adipose tissue-specific secretory factor; Cysteine-rich secreted protein FIZZ3; C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted protein A12-alpha-like 2; FIZZ3; HXCP1; RSTN; RETN
Species:	Human
Source:	E. coli
Accession:	Q9HD89 (K19-P108)
Gene ID:	56729
Molecular Weight:	10-14 kDa

PROPERTIES

AA Sequence	K T L C S M E E A I N E R I Q E V A G S L I F R A I S S I G L E C Q S V T S R G D L A T C P R G F A V T G C T C G S A C G S W D V R A E T T C H C Q C A G M D W T G A R C C R V Q P
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20 mM Acetic acid, pH 3.0.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Resistin, a hormone implicated in connecting obesity to diabetes, exerts its effects by potentially suppressing insulin's ability to stimulate glucose uptake into adipose cells. Not only does it play a role in metabolic regulation, but it also promotes chemotaxis in myeloid cells. Structurally, Resistin forms homodimers through disulfide linkages and interacts with DEFA1, indicating its involvement in diverse cellular processes. This multifaceted hormone emerges as a potential key player in the intricate interplay between metabolism, inflammation, and insulin responsiveness.
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Caution: Product has not been fully validated for medical applications. For research use only.

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