

Recombinant Human Resistin (RETN)

Cat No:HR2R1914

For research use only

Overview

Quantity	25 ?g
Gene Symbol	RETN
Gene ID	56729
Accession	Q9HD89
Alternative Name	FIZZ3, Adipose tissue-specific secretory factor, ADSF, HXCP1, RSTIN, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3
Species	Human
Source	E. coli
Description	Resistin was identified by screening for genes that are induced during the differentiation of adipocytes but down-regulated in mature adipocytes. Resistin gene expression is induced during the differentiation of adipocytes. Resistin circulates in mouse serum, and its level is increased markedly in obesity. Adipocytes secrete resistin as a unique signaling molecule that may be the hormone potentially linking obesity to type II diabetes, which is characterized by target-tissue resistance to insulin. TNF-alpha is a negative regulator of Resistin gene expression and inhibits Resistin mRNA expression and protein secretion by 70-90% in 3T3-L1 adipocytes.
Functions	Determined by its ability to stimulate lipolysis in cultured human adipocytes.
Formulation	Recombinant human Resistin was lyophilized from a 0.2 ?m filtered PBS solution.
Solubility	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Appearance	Lyophilized Powder
Molecular Weight	10
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Ambient Temperature
Storage Condition	The lyophilized protein is stable for at least one year from date of receipt at -70°C. Upon reconstitution, this cytokine can be stored in working aliquots at 2? - 8°C for one month, or at -20°C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.