Datasheet for ABIN935761

Resistin Protein (RETN)

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Overview

Quantity:	25 µg
Target:	Resistin (RETN)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Sequence:	SSMPLCPIDE AIDKKIKQDF NSLFPNAIKN IGLNCWTVSS RGKLASCPEG TAVLSCSCGS ACGSWDIREE KVCHCQCARI DWTAARCCKL QVAS
Characteristics:	Purified recombinant Human Resistin protein Expression System: E.coli
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)
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-

Target Details

	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. Alternative Names: Adipose tissue-specific secretory factor protein, FIZZ3 protein, ADSF protein
Molecular Weight:	20.2 kDa
Pathways:	Feeding Behaviour, Smooth Muscle Cell Migration

Application Details

Application Notes:	Each Investigator should determine their own optimal working dilution for specific applications.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitute in water to a concentration of 0.1-1.0 g/mL.
Buffer:	Lyophilized from 20 mM tris, pH 8.0.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.