antibodies

## Datasheet for ABIN7275510 Resistin Protein (RETN) (AA 17-108) (Fc Tag)





Overview

Quantity:	100 µg
Target:	Resistin (RETN)
Protein Characteristics:	AA 17-108
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Resistin protein is labelled with Fc Tag.

## Product Details

Purpose:	Human RETN Protein
Sequence:	Ser17-Pro108
Characteristics:	Recombinant Human RETN Protein is expressed from HEK293 with hFc tag at the N- Terminus.It contains Ser17-Pro108.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Target Details	

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

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Target Details	
Background:	Resistin (RETN) is a hormone secreted by adipocytes, which plays an important role in glucose and lipid metabolism. The RETN gene is expressed in goat various analyzed tissues, and the results showed that the expression of RETN gene in lung tissue was higher than that in other analyzed tissues of goat (p <.01). Moreover, the expression level of RETN gene in the goat's intramuscular preadipocytes decreased first and then increased, and reached the highest on the fifth day, which was significantly higher than that of undifferentiated intramuscular preadipocytes.
Molecular Weight:	36.9 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
Pathways:	Feeding Behaviour, Smooth Muscle Cell Migration
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



## SDS-PAGE

**Image 1.** Human RETN on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

## Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human RETN is greater than 95 % as determined by SEC-HPLC.

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