

Datasheet for ABIN7275511

Resistin Protein (RETN) (AA 21-114) (Fc Tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Resistin (RETN)
Protein Characteristics:	AA 21-114
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Resistin protein is labelled with Fc Tag.

Product Details

Purpose:	Mouse RETN Protein
Sequence:	Ser21-Ser114
Characteristics:	Recombinant Mouse RETN Protein is expressed from HEK293 with hFc tag at the N-Terminus. It contains Ser21-Ser114.
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)

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:	37.5 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
UniProt:	Q99P87
Pathways:	Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

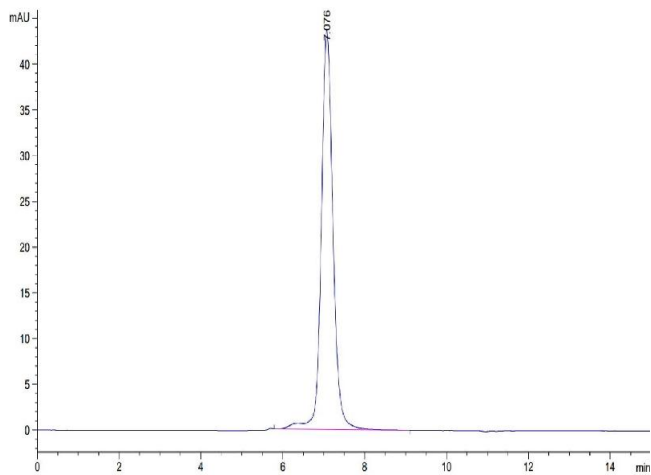
Restrictions:	For Research Use only
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Handling

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

Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 1. The purity of Mouse RETN is greater than 95 % as determined by SEC-HPLC.



SDS-PAGE

Image 2. Mouse RETN on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

