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Datasheet for ABIN5564365

Resistin Protein (RETN) (AA 19-108) (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Target:	Resistin (RETN)
Protein Characteristics:	AA 19-108
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Resistin protein is labelled with DYKDDDDK Tag.
Application:	SDS-PAGE (SDS)

Product Details

Cross-Reactivity:	Human
Characteristics:	Human resistin (aa 19-108) is fused at the N-terminus to a FLAG®-tag.
Purity:	>95 % (SDS-PAGE)
Endotoxin Level:	<0.01EU/µg purified protein (LAL test, Lonza).

Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)
Background:	The adipocytokine resistin which belongs to a family of cysteine-rich C-terminal proteins known

Target Details

as resistin-like molecules (RELM, RELM-alpha/FIZZ 1 and RELM-beta/FIZZ 2) of FIZZ (found in inflammatory zone) are thought to be involved in inflammatory processes. Previous studies in mice showed that resistin impairs glucose tolerance and insulin action. In addition, resistin also inhibits adipogenesis in murine 3T3-L1 cells. Therefore resistin has also been proposed as an adipocyte-secreted factor thought to link obesity and T2DM.

Molecular Weight: ~13kDa (SDS-PAGE)

UniProt: [Q9HD89](#)

Pathways: [Feeding Behaviour](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Inhibits insulin-stimulated glucose uptake in L6 skeletal muscle cells.

Restrictions: For Research Use only

Handling

Format: Solid

Concentration: Lot specific

Buffer: Lyophilized. Contains PBS.

Storage: 4 °C, -20 °C

Storage Comment: Short Term Storage: +4°C
Long Term Storage: -20°C
Stable for at least 6 months after receipt when stored at -20°C.

Expiry Date: 6 months