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Resistin Recombinant Protein

CATALOG NUMBER: 90-005

Specifications

SPECIES:	Human
SOURCE SPECIES:	HEK293 cells
SEQUENCE:	Human resistin (aa 20-108) is fused at the N-terminus to a DDDDK-tag.
FUSION TAG:	DDDDK Tag
APPLICATIONS:	This recombinant proteins is for research use only.
BIOLOGICAL ACTIVITY:	Inhibits insulin-stimulated glucose uptake in L6 skeletal muscle cells.

Properties

PURITY:	>90% (SDS-PAGE)
PHYSICAL STATE:	Liquid
BUFFER:	0.2um-filtered solution in PBS, pH 7.2.
CONCENTRATION:	0.2mg/ml
STORAGE CONDITIONS:	Working aliquots are stable for up to 3 months when stored at -20˚C.

Additional Info

ALTERNATE NAMES:	FIZZ3, Found in Inflammatory Zone 3, ADSF, Adipose Tissue-Specific Secretory Factor
ACCESSION NO.:	Q9HD89
PROTEIN GI NO.:	9966777

Background

The adipocytokine resistin which belongs to a family of cysteine-rich C-terminal proteins known 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.

FOR RESEARCH USE ONLY

December 14, 2016