

Active Recombinant Human RETN, FLAG-tagged

Cat. No. RETN-475H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human resistin (aa 20-108) is fused at the N-terminus to a FLAG-tag.
Species	Human
Source	HEK293
ProteinLength	20-108 a.a.
Description	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.
Form	Liquid. 0.2µm-filtered solution in PBS, pH 7.2.
Bio-activity	Inhibits insulin-stimulated glucose uptake in L6 skeletal muscle cells.
Molecular Mass	~12kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

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Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.
Concentration	0.2mg/ml
GENE INFORMATION	
Gene Name	RETN resistin [Homo sapiens]
Official Symbol	RETN
Synonyms	RETN; resistin; ADSF; FIZZ3; RETN1; resistin delta2; found in inflammatory zone 3; cysteine-rich secreted protein FIZZ3; adipose tissue-specific secretory factor; cysteine-rich secreted protein A12-alpha-like 2; c/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1; RSTN; XCP1; MGC126603; MGC126609;
Gene ID	56729
mRNA Refseq	NM_001193374
Protein Refseq	NP_001180303
MIM	605565
UniProt ID	Q9HD89
Chromosome Location	19p13.2
Pathway	Adipogenesis, organism-specific biosystem;

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Function	hormone activity; hormone activity;
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