

Recombinant Human RETN, Flag-tagged

Cat. No. RETN-196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RETN(aa 20-108), fused at the N-terminus to a FLAG-tag, was expressed in HEK 293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
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)
Endotoxin	<0.1EU/µg purified protein (LAL test; Lonza).
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Short Term Storage: +4°C Long Term Storage: -20°C Handling Advice: After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

GENE INFORMATION
Gene Name

RETN resistin [Homo sapiens (human)]

Official Symbol

RETN

Synonyms

RETN; Cysteine-rich secreted protein; FIZZ3; Adipose tissue-specific secretory factor (ADSF); C/EBP-epsilon; regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted protein A12-alpha-like-2; ADSF; MGC126603; MGC126609; RETN1; XCP1; resistin; MGC126609; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1; Adipose tissue-specific secretory factor; C/EBP-epsilon regulated myeloid-specific secreted; cysteine-rich protein precursor 1; cysteine-rich protein; Cysteine-rich secreted protein FIZZ3; found in inflammatory zone 3

Gene ID

56729

mRNA Refseq

NM_020415

Protein Refseq

NP_065148

MIM

605565

UniProt ID

Q9HD89

**Chromosome
Location**

19p13.2

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Pathway	Adipogenesis
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Function	hormone activity
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