Recombinant Human RETN protein, Fc-tagged

Cat. No. RETN-198H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RETN(Ser17-Pro108) fused with Fc region of Human IgG1 at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	17-108 a.a.
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.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human RETN consists 352 amino acids and predicts a molecular mass of 38.2 kDa.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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_065148
MIM	605565
UniProt ID	Q9HD89
Chromosome Location	19p13.2

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Pathway	Adipogenesis, organism-specific biosystem;
Function	hormone activity; hormone activity;

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