

## Recombinant Human resistin, His-tagged

Cat. No. RETN-413H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	RETN,19-108aa, Human, His tag, E.coli
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	19-108 a.a.
<b>Description</b>	<p>RETN 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. Recombinant human RETN protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
<b>Molecular Mass</b>	11.8 kDa (111aa)
<b>AA Sequence</b>	<p>MGSSHHHHHH SSGLVPRGSH MKTLCSMEEA INERIQEVAG SLIFRAISSI GLECQSVTSR GDLATCPRGF AVTGCTCGSA CGSWDVRAET TCHCQCAGMD WTGARCCRVP</p>
<b>Purity</b>	>85% by SDS - PAGE

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<b>Storage</b>	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.5 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	RETN resistin [ Homo sapiens ]
<b>Official Symbol</b>	RETN
<b>Synonyms</b>	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;
<b>Gene ID</b>	56729
<b>mRNA Refseq</b>	NM_001193374
<b>Protein Refseq</b>	NP_001180303
<b>MIM</b>	605565
<b>UniProt ID</b>	Q9HD89
<b>Chromosome Location</b>	19p13.2
<b>Pathway</b>	Adipogenesis, organism-specific biosystem;

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**Function**

hormone activity; hormone activity;

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