

Recombinant Human resistin, His-tagged

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

SPECIFICATION

Product Overview	RETN,19-108aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	19-108 a.a.
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	11.8 kDa (111aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MKTLCSMEEA INERIQEVAG SLIFRAISSI GLECQSVTSR GDLATCPRGF AVTGCTCGSA CGSWDVRAET TCHCQCAGMD WTGARCCRVQ P
Purity	>85% by SDS - PAGE

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Storage	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.
Concentration	0.5 mg/ml (determined by Bradford assay)
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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