

AR51330PU-S

Human Resistin (19-108, His-tag) - Purified

Alternate names:

ADSF, Adipose tissue-specific secretory factor, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, FIZZ3, HXCP1, RETN, RSTN

Quantity:

50 µg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q9HD89](#)

NCBI:

[NP_065148](#)

GeneID:

[56729](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >85% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

Description:

Recombinant human RETN protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHHH SGLVPRGSH MKTLCSMEEA INERIQEVAG SLIFRAISSI GLECQSVTSR
GDLATCPRGF AVTGCTCGSA CGSWDVRAET TCHCQCAGMD WTGARCCRVQ P

Molecular weight: 11.8 kDa (111aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Steppan C.M., et al. (2001) Nature. 409:307-312

Holcomb I.N., et al. (2000) EMBO J. 19:4046-4055

Pictures:

