# Recombinant human Resistin/RETN protein

Catalog Number: ATGP2510

## PRODUCT INFORMATION

**Expression system**
E.coli

**Domain**
19-108aa

**UniProt No.**
Q9HD89

**NCBI Accession No.**
NP_065148

**Alternative Names**
Adipose tissue-specific secretory factor, ADSF, 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, RSTN

## PRODUCT SPECIFICATION

**Molecular Weight**
11.8 kDa (111aa)

**Concentration**
0.5mg/ml (determined by Bradford assay)

**Formulation**
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

**Purity**
> 85% by SDS-PAGE

**Tag**
His-Tag

**Application**
SDS-PAGE, Denatured

**Storage Condition**
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

**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,

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fused to His-tag at N-terminus, was expressed in E. coli.

**Amino acid Sequence**

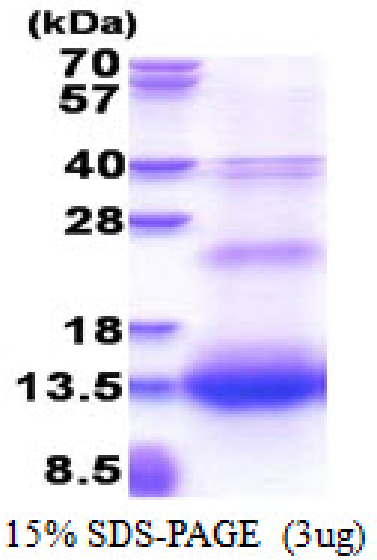
MGSSHHHHHH SSGLVPRGSH MKTLCSMEEA INERIQEVAG SLIFRAISSI GLECQSVTSR GDLATCPRGF AVTGCTCGSA CGSWDVRAET TCHCQCAGMD WTGARCCRVQ P

**General References**

Steppan C.M., et al. (2001) Nature. 409:307-312
Holcomb I.N., et al. (2000) EMBO J. 19:4046-4055

## DATA

**SDS-PAGE**




15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.