

## Recombinant Human RETN Protein, His-tagged

Cat. No. RETN-012H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human Resistin, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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. The encoded protein also has an antimicrobial role in skin, displaying antibacterial activity against both Gram positive and Gram negative bacteria. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	10.3 kDa
<b>AA Sequence</b>	KTLCSMEEAINERIQEVAGSLIFRAISSIGLEQSVTSRGLATCPRGFAVTGCTCGS ACGSWDVRAETTCHCQCAGMDWTGARCCRVP
<b>Endotoxin</b>	< 1 EU/μg of protein (determined by LAL method)
<b>Purity</b>	> 95% by SDS-PAGE

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -91 centigrade. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	1 mg/mL (determined by Absorbance at 280nm)
<b>Storage Buffer</b>	20mM Sodium citrate (pH3.0) containing 20% glycerol

## GENE INFORMATION

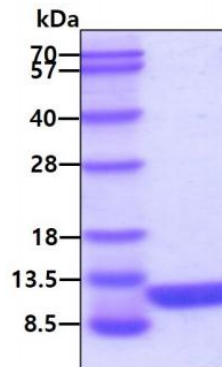
<b>Gene Name</b>	RETN resistin [ Homo sapiens (human) ]
<b>Official Symbol</b>	RETN
<b>Synonyms</b>	RETN; resistin; ADSF; RSTN; XCP1; FIZZ3; RETN1; resistin; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1; adipose tissue-specific secretory factor; c/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; cysteine-rich secreted protein A12-alpha-like 2; cysteine-rich secreted protein FIZZ3; found in inflammatory zone 3; resistin delta2
<b>Gene ID</b>	56729
<b>mRNA Refseq</b>	NM_020415
<b>Protein Refseq</b>	NP_065148
<b>MIM</b>	605565
<b>UniProt ID</b>	Q9HD89

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**



3  $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA