

Recombinant Human RETN Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human Resistin, fused to His-tag at C-terminus, was expressed in HEK293 cell and purified by using conventional chromatography techniques.
Species	Human
Source	HEK293
Description	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.
Form	Liquid
Molecular Mass	10.3 kDa
AA Sequence	KTLCSMEEAINERIQEVAGSLIFRAISSIGLECQSVTSRGDLATCPRGFAVTGCTCGS ACGSWDVRAETTCHCQCAGMDWTGARCCRVQP
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE

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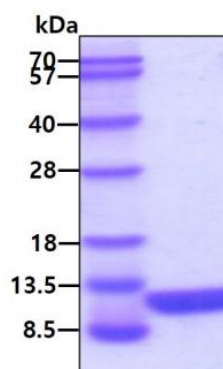
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Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -91 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	20mM Sodium citrate (pH3.0) containing 20% glycerol
GENE INFORMATION	
Gene Name	RETN resistin [Homo sapiens (human)]
Official Symbol	RETN
Synonyms	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
Gene ID	56729
mRNA Refseq	NM_020415
Protein Refseq	NP_065148
MIM	605565
UniProt ID	Q9HD89

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SDS-PAGE

3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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