

Recombinant Human RETN protein, His & Fc-tagged

Cat. No. RETN-468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RETN (Q9HD89) aa. (Lys19~Pro108) fused with His & Fc tag was produced in HEK293F cells.
Species	Human
Source	HEK293
ProteinLength	Lys19~Pro108
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. Alternatively spliced transcript variants encoding the same protein have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.8kDa; Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Characteristic	Isoelectric point is 5.7.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Applications	SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

GENE INFORMATION

Gene Name	RETN resistin [Homo sapiens (human)]
Official Symbol	RETN
Synonyms	RETN; resistin; ADSF; RSTN; XCP1; FIZZ3; RETN1; 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

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Gene ID	56729
mRNA Refseq	NM_001193374.1
Protein Refseq	NP_001180303.1
UniProt ID	Q9HD89

SDS-PAGE
