

Bioactive

RETN (Human) Recombinant Protein

Catalog # P3665

Size 25 ug

Specification

Product Description	Human RETN (Q9HD89, 17 a.a. - 108 a.a.) partial recombinant protein with Fc tag expressed in HE K cell.
Sequence	SSKTLCSMEEAINERIQEVAGSLIFRAISSIGLECQSVTSRGDLATCPRGFAVTGCTCGSACGSWD VRAETTCHCQCAGMDWTGARCCRVQP
Host	Escherichia coli
Theoretical MW (kDa)	20 (non-reducing con
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	< 0.1 ng/ug (1 EU/ug)
Activity	Determined by the ability to stimulate lipolysis in cultured human adipocytes.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study
- SDS-PAGE

Gene Info — RETN

Entrez GeneID [56729](#)

Protein Accession# [Q9HD89](#)

Gene Name RETN

Gene Alias ADSF, FIZZ3, MGC126603, MGC126609, RETN1, RSTN, XCP1

Gene Description resistin

Omim ID [125853](#) [605565](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 1|found in inflammatory zone 3

Disease

- [Anorexia Nervosa](#)
- [Arteriosclerosis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Calcinosis](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)

- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Drug Toxicity](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hypercholesterolemia](#)
- [Hyperglycemia](#)
- [Hypertension](#)
- [Hypotension](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Intracranial Arteriosclerosis](#)
- [Kidney Diseases](#)
- [Kidney Failure](#)
- [Metabolic Diseases](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)

- [Overweight](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Renal Insufficiency](#)
- [Stroke](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Loss](#)
- [Werner syndrome](#)