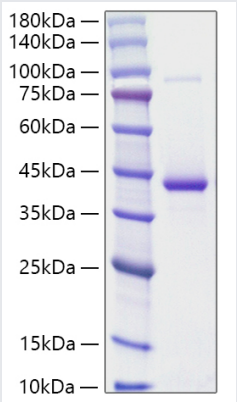
RETN Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	RETN, Recombinant Protein
Full Product Name	Recombinant Human RETN Protein
Product Gene Name	RETN recombinant protein
Product Synonym Names	ADSF; RENT; RSTN; XCP1; FIZZ3; RETN1
Sequence	SSKTLCSMEE AINERIQEVA GSLIFRAISS IGLECQSVTS RGDLATCPRG FAVTGCTCGS ACGSWDVRAE TTCHCQCAGM DWTGARCCRV QP
Host	HEK293 cells
Form/Format	Lyophilized from a 0.22 um filtered solution of PBS, pH7.4.
Purity/Purification	>92% by SDS-PAGE.
Preparation and Storage	Store at -20 degree C. Store the lyophilized protein at -20 degree C to -80 degree C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20 degree C for 3 months, at 2-8 degree C for up to 1 week.
OMIM	605565
3D Structure	ModBase 3D Structure for Q9HD89
Species	Human
Tag	N-hFc-His
Endotoxin	<0.01EU/ug
Product Categories/Family for RETN recombinant protein	Cytokines & Cytokine receptors; Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RETN recombinant protein	Resistin is an adipocytokine, which has been studied for its role in insulin resistance and recently in inflammation. The RETN and CAP1 polymorphisms and gene expression may be potential biomarkers for breast cancer risk. Resistin (RETN), recently found to be relevant to inflammation and inflammatory disorders.
Other Notes	Small volumes of RETN recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for RETN purchase	MBS9149019 is a recombinant protein targeting RETN. Also known as Recombinant Human RETN Protein. Host: HEK293 cells.



SDS-PAGE of RETN recombinant protein
Recombinant Human RETN Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 35-45 kDa.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for RETN. It may not necessarily be applicable to this product.

NCBI GI #	12584202
NCBI GeneID	56729
NCBI Accession #	AAG59824.1
UniProt Primary Accession #	Q9HD89
UniProt Secondary Accession #	Q540D9; D6W649
UniProt Related Accession #	Q9HD89
UniProt Protein Name	Resistin
UniProt Synonym Protein 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
Protein Family	Protein dead ringer
UniProt Gene Name	RETN
UniProt Synonym Gene Names	FIZZ3; HXCP1; RSTN; ADSF
UniProt Entry Name	RETN_HUMAN
UniProt Comments for RETN	resistin: Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells. Potentially links obesity to diabetes. Belongs to the resistin/FIZZ family. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 19p13.2 Cellular Component: extracellular space; nucleus Molecular Function: hormone activity Biological Process: fat cell differentiation; response to mechanical stimulus; positive regulation of smooth muscle cell proliferation; positive regulation of smooth muscle cell migration; positive regulation of synaptic transmission; response to insulin stimulus; aging Disease: Diabetes Mellitus, Noninsulin-dependent

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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