

Resistin (RETN) Active Protein | RETN active protein

Recombinant Human Resistin (RETN)

CATALOG #
AAA214252

HOST
E Coli

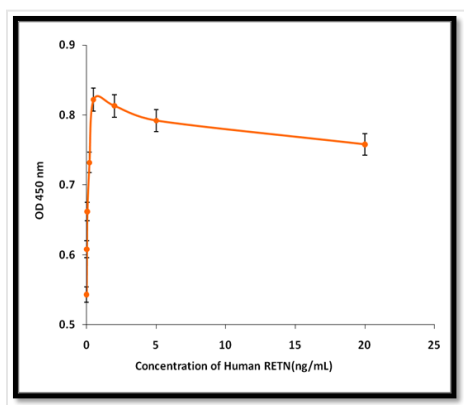
PRODUCT SYNONYMS

Resistin (RETN); Recombinant Human Resistin (RETN); FIZZ3; Adipose tissue-specific secretory factor; ADSF; HXCP1; RSTIN; C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted protein A12-alpha-like 2; Cysteine-rich secreted protein FIZZ3; RETN active protein

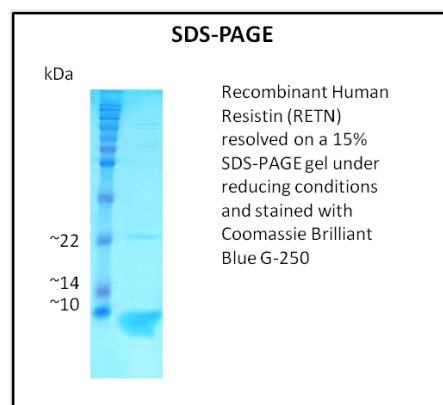
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered PBS solution.
Sequence Length	108
Bioactivity	Determined by its ability to stimulate lipolysis in cultured human adipocytes.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for RETN active protein

Resistin was identified by screening for genes that are induced during the differentiation of adipocytes but down-regulated in mature adipocytes. Resistin gene expression is induced during the differentiation of adipocytes. Resistin circulates in mouse serum, and its level is increased markedly in obesity. Adipocytes secrete resistin as a unique signaling molecule that may be the hormone potentially linking obesity to type II diabetes, which is characterized by target-tissue resistance to insulin. TNF-alpha is a negative regulator of Resistin gene expression and inhibits Resistin mRNA expression and protein secretion by 70-90% in 3T3-L1 adipocytes.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12584202
NCBI GeneID	56729
UniProt Accession #	Q9HD89
Molecular Weight	10.0 kDa
NCBI Official Full Name	resistin
NCBI Official Synonym Full Names	resistin
NCBI Official Symbol	RETN
NCBI Official Synonym Symbols	ADSF; RSTN; XCP1; FIZZ3; RETN1
NCBI Protein Information	resistin
UniProt Protein Name	Resistin
UniProt Gene Name	RETN
UniProt Synonym Gene Names	FIZZ3; HXCP1; RSTN; ADSF
UniProt Entry Name	RETN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/resistin-retn/214252>