

Resistin Recombinant Protein | RETN recombinant protein

Recombinant Human Resistin, His Tag

CATALOG # AAA38135	HOST E Coli
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PRODUCT SYNONYMS

Resistin; Recombinant Human Resistin; His Tag; Resistin Human; His; Resistin Human Recombinant; Cysteine-rich secreted protein FIZZ3; Adipose tissue-specific secretory factor; ADSF; C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein; Cysteine-rich secreted protein A12-alpha-like 2; RSTN; XCP1; RETN1; MGC126603; MGC126609; Resistin His; RETN recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Resistin protein (0.14mg/ml) is supplied in 20mM Tris-HCl pH 8.0, 5mM EDTA and 50% glycerol. Sterile filtered colorless solution.
Sequence Length	108
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for RETN recombinant protein	Description: Resistin Human Recombinant produced in E Coli is a single, non-glycosylated, Polypeptide chain containing a 92 amino acids fragment (17-108) of the mature Human Resistin, having a total molecular mass of 14.23kDa and fused with a 4.5kDa amino-terminal hexahistidine tag. The Resistin is purified by proprietary chromatographic techniques. Introduction: Resistin, a product of the RSTN gene, is a peptide hormone belonging to the class of cysteine-rich secreted proteins which is termed the RELM family, and is also described as ADSF (Adipose Tissue- Specific Secretory Factor) and FIZZ3 (Found in Inflammatory Zone). Human resistin contains 108 amino acids as a prepeptide, and its hydrophobic signal peptide is cleaved before its secretion. Resistin circulates in human blood as a dimeric protein consisting of two 92 amino acid polypeptides, which are disulfide-linked via Cys26. Resistin may be an important link between obesity and insulin resistance. Mouse resistin, specifically produced and secreted by adipocyte, acts on skeletal muscle myocytes, hepatocytes and adipocytes themselves so that it reduces their sensitivity to insulin. Steppan et al. have suggested that resistin suppresses the ability of insulin to stimulate glucose uptake. They have also suggested that resistin is present at elevated levels in blood of obese mice, and is down regulated by fasting and antidiabetic drugs. Way et al., on the other hand, have found that resistin expression is severely suppressed in obesity and is stimulated by several antidiabetic drugs. Other studies have shown that mouse resistin increases during the differentiation of adipocytes, but it also seems to inhibit adipogenesis. In contrast, the human adipogenic differentiation is likely to be associated with a down regulation of resistin gene expression.
Product Categories/Family for RETN recombinant protein	Cytokines and Growth Factors; Cytokines; Resistin

NCBI AND UNIPROT INFORMATION

NCBI GI #	301129180
NCBI GeneID	56729
NCBI Accession #	NP_001180303.1

NCBI GenBank Nucleotide #	NM_001193374.1
UniProt Accession #	Q9HD89 ; Q540D9 ; Q76B53 ; D6W649
Molecular Weight	8,686 Da
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; 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
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/retn-recombinant-protein-e-coli/38135>