

Recombinant Human Resistin Like Beta

Cat. No. RETNLB-5004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human RETNLB was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	RELM-alpha belongs to a unique family of tissue-specific cytokines termed FIZZ (found in inflammatory zone) and RELM. The three known members of this family; Resistin, RELM-alpha and RELM-beta are 85-94 amino acid secreted proteins sharing a conserved C-terminal domain characterized by 10 cysteine residues with a unique spacing motif of C-X11-C-X8-C-X-C-X3-C-X10-C-X-C-X-C-X9-C-C. RELM-alpha and Resistin are secreted exclusively by adipocytes while RELM-beta is expressed in the epithelium of the colon and small bowel.
Form	Lyophilized from 10mM tris, pH7.5, with 25mM NaCl.
Purity	>98% pure by SDS PAGE and HPLC
Molecular Mass	10.0 kDa
Applications	Numerous applications are possible with this product and should be tested by the end user under their own laboratory conditions
Endotoxin Levels	Endotoxin level is less than 0.1 ng per ug (1 EU/ug).

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Storage

Store at 4 deg C until reconstitution. Following reconstitution aliquot and freeze at -20 deg C for long term storage. Avoid repeated freeze/thaw cycles.

GENE INFORMATION
Gene Name

RETNLB resistin like beta [Homo sapiens]

Official Symbol

RETNLB

Synonyms

RETNLB; resistin like beta; XCP2; FIZZ1; FIZZ2; HXCP2; RELMb; RELMbeta; RELM-beta; found in inflammatory zone 1; cysteine-rich secreted A12-alpha-like protein 1; colon and small intestine-specific cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 2; CCRG; RETNL2

Gene ID

84666

mRNA Refseq

NM_032579

Protein Refseq

NP_115968

MIM

605645

UniProt ID

Q9BQ08

**Chromosome
Location**

3q13.1

Pathway

IL4-mediated signaling events

Function

hormone activity; molecular_function

Rendering of

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RETNLBfrom PDB
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