

Recombinant Human RETNLB

Cat. No. RETNLB-50H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RELM β is a 19.0 kDa protein, consisting of two identical 89 amino acid polypeptide chains linked by a single disulfide bond.
Species	Human
Source	E.coli
Description	RELM β (Resistin-like molecule β /FIZZ2) is a disulfide-linked, homodimeric protein expressed in the epithelium of the colon and small bowel. The biological functions of RELM β , and its molecular targets, are not fully known, but it has been suggested that it plays a regulatory role during inflammation, and may also act to establish links among adipose tissue, the intestine and the liver. Interestingly, the molecular structure of RELM β is highly homologous to that of the adipose-derived cytokines, resistin and RELM α . These proteins share a highly 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.
AA Sequence	MQCSLDSVMD KIKDVLNSL EYSPSPISKK LSCASVKSQG RPSSCPAGMA VTGCACGYGC GSWDVQLETT CHCQCSVVDW TTARCCHLT
Purity	Greater than 98% by SDS-PAGE gel and HPLC analyses.

GENE INFORMATION

Gene Name	RETNLB resistin like beta [Homo sapiens (human)]
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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