Recombinant Murine Resistin Like Beta

Cat. No. Retnla-998M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RecombinantMurine resistin like beta produced in*E.coli*was a 10.0kDa monomeric protein containing 88 amino acid residues.
Species	Mouse
Source	E.coli
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. The physiological role and molecular targets of RELM-alpha re still unknown.
Purity	>95% by SDS-PAGE.
Endotoxin Level	<0.1ng/μg of RELM-alpha.
Stabilizer	None.
Formulation	Lyophilized.
Biologically Activity	Data not available at this time.

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Reconstitution	The murine RELM-alpha should be reconstituted in water to a concentration of 0.1-1.0mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.
Stability	The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted murine RELM-alpha should be stored in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	Retnla resistin like alpha [Mus musculus]
Synonyms	Retnla; resistin like alpha; HIMF; Xcp2; Fizz1; RELMa; Fizz-1; RELMalpha; RELM-alpha; 1810019L16Rik; found in inflammatory zone 1; hypoxia-induced mitogenic factor
Gene ID	57262
mRNA Refseq	NM_020509.3
Protein Refseq	NP_065255.2
UniProt ID	Q9EP95
Chromosome Location	16 B5; 16 32.6 cM
Function	hormone activity

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