

#### RELM-alpha, murine recombinant protein

Resistin-like  $\alpha$ , RELM $\alpha$ , Cysteine-rich secreted protein FIZZ1, Parasite-induced macrophage novel gene Catalog # PBV10335r

## **Specification**

## RELM-alpha, murine recombinant protein - Product info

Primary Accession <u>O9EP95</u>

Calculated MW 10.0 kDa KDa

## RELM-alpha, murine recombinant protein - Additional Info

Gene ID 57262
Gene Symbol RETNA

Other Names

Resistin-like  $\alpha$ , RELM $\alpha$ , Cysteine-rich secreted protein FIZZ1, Parasite-induced macrophage novel gene 1 protein, Cysteine-rich secreted protein A12-y, RELM-a

Gene Source Mouse Source E. coli

Assay&Purity SDS-PAGE; ≥98% Assay2&Purity2 HPLC; ≥98%

Recombinant Yes

**Target/Specificity** 

RELM-alpha

## **Application Notes**

Reconstitute in  $H_2O$  to a concentration of 0.1-1  $\mu g/\mu l$ . The solution can then be diluted into other aqueous buffers

#### **Format**

Lyophilized protein

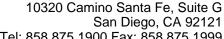
#### **Storage**

-20°C; Sterile filtered and lyophilized from 10 mM Tris, pH 7.5 + 25 mM NaCl.

#### RELM-alpha, murine recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture





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# RELM-alpha, murine recombinant protein - Images RELM-alpha, murine recombinant protein - Background

RELM-α 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-α and RELM-β 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-X9-C-C. RELM-α and Resistin are secreted exclusively by adipocytes while RELM-β is expressed in the epithelium of the colon and small bowel. The physiological role and molecular targets of RELM- $\alpha$  re still unknown. Recombinant murine RELM- $\alpha$  is a 10.0 kDa monomeric protein containing 88 amino acid residues.