

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

## Specification

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

Primary Accession [Q9EP95](#)  
Calculated MW **10.0 kDa KDa**

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

Gene ID	<b>57262</b>
Gene Symbol	<b>RETNA</b>
<b>Other Names</b>	
Resistin-like $\alpha$ , RELM $\alpha$ , Cysteine-rich secreted protein FIZZ1, Parasite-induced macrophage novel gene 1 protein, Cysteine-rich secreted protein A12- $\gamma$ , RELM-a	
Gene Source	<b>Mouse</b>
Source	<b>E. coli</b>
Assay&Purity	<b>SDS-PAGE; <math>\geq 98\%</math></b>
Assay2&Purity2	<b>HPLC; <math>\geq 98\%</math></b>
Recombinant	<b>Yes</b>
<b>Target/Specificity</b>	
RELM-alpha	

### Application Notes

Reconstitute in H<sub>2</sub>O 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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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

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- $\alpha$  are still unknown. Recombinant murine RELM- $\alpha$  is a 10.0 kDa monomeric protein containing 88 amino acid residues.