

**Recombinant Murine RELM $\alpha$**   
**Catalog # PBG10379****Specification**

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

**Biological Activity**

Not Available at this time.

**Authenticity**

Verified by N-terminal and Mass Spectrometry analyses (when applicable).

**Endotoxin**

Endotoxin level is <0.1 ng/  $\mu$ g of protein (<1EU/  $\mu$ g).

**Protein Content**

Verified by UV Spectroscopy and/or SDS-PAGE gel.

**Storage**

-20°C

**Precautions**

Recombinant Murine RELM $\alpha$  is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Murine RELM $\alpha$  - 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](#)

## **Recombinant Murine RELM $\alpha$ - Images**