

**Recombinant Human RELM $\beta$**   
**Catalog # PBG10380****Specification**

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**Recombinant Human RELM $\beta$  - Product Information****Recombinant Human RELM $\beta$  - Additional Information****Description**

Human RELM $\beta$  is a 19.0 kDa disulfide-linked homodimeric protein expressed in the epithelium of the colon and small bowel. The biological functions of RELM $\beta$  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 $\beta$  is highly homologous to that of the adipose-derived cytokine Resistin and RELM $\alpha$ . These proteins share a highly conserved C-terminal domain, characterized by 10 cysteine residues with a unique spacing motif of C-X<sub>11</sub>-C-X<sub>8</sub>-C-X-C-X<sub>3</sub>-C-X<sub>10</sub>-C-X-C-X<sub>9</sub>-C-C. Recombinant Human RELM $\beta$  is a disulfide-linked homodimer with a total molecular weight of 19.0 kDa, consisting of two 89 amino acid residue chains.

**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 Human RELM $\beta$  is for research use only and not for use in diagnostic or therapeutic procedures.

**Recombinant Human RELM $\beta$  - 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 Human RELM $\beta$ - Images**