

**RELM-beta, human recombinant protein**

**Resistin-like  $\beta$ , RELM  $\beta$ , Cysteine-rich secreted protein FIZZ2, Colon and small intestine-specific cy**  
**Catalog # PBV10346r**

**Specification**

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**RELM-beta, human recombinant protein - Product info**

Primary Accession [O9BQ08](#)  
Calculated MW **11.0 kDa KDa**

**RELM-beta, human recombinant protein - Additional Info**

Gene ID **84666**  
Gene Symbol **RETNB**

**Other Names**

Resistin-like  $\beta$ , RELM  $\beta$ , Cysteine-rich secreted protein FIZZ2, Colon and small intestine-specific cysteine-rich protein, Cysteine-rich secreted protein A12- $\alpha$ -like 1, Colon carcinoma-related gene protein, RELM-b, XCP2, HXCP2

Gene Source **Human**  
Source **E. coli**  
Assay&Purity **SDS-PAGE;  $\geq 95\%$**   
Assay2&Purity2 **HPLC;  $\geq 95\%$**   
Recombinant **Yes**

**Application Notes**

Reconstitute to 1 mg/ml with sterilized dH<sub>2</sub>O. Pipet to dissolve the protein pellet completely.

**Format**

Lyophilized protein

**Storage**

-20°C; Sterile filtered and lyophilized with no additives

**RELM-beta, human 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-beta, human recombinant protein - Images****RELM-beta, human recombinant protein - Background**

Human RELM  $\beta$  (Resistin-like molecule  $\beta$ /FIZZ2) is a new member to the family of adipocyte secreted proteins called adipocytokines. This family includes the RELM  $\alpha$ , RELM  $\beta$  and Resistin molecules. Interestingly, RELM  $\beta$  and Resistin share similar characteristics such as an additional cysteine residue within the variable N-terminal region and are both homodimeric proteins. However, the RELM  $\beta$  is expressed only in the gastrointestinal track; especially the colon, while the Resistin and RELM  $\beta$  are secreted exclusively by adipocytes. Currently, the biological function of these proteins, as well as their molecular targets is largely unknown. Recombinant Human RELM  $\beta$  is a disulfide-linked homodimer with a total molecular weight of 11.0 kDa, consisting of 90 amino acid residue chains.