

RELM-beta, human recombinant protein

Resistin-like β , RELM β , Cysteine-rich secreted protein FIZZ2, Colon and small intestine-specific cy
Catalog # PBV10346r

Specification

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 β , RELM β , Cysteine-rich secreted protein FIZZ2, Colon and small intestine-specific cysteine-rich protein, Cysteine-rich secreted protein A12- α -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 dH₂O. 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 β (Resistin-like molecule β /FIZZ2) is a new member to the family of adipocyte secreted proteins called adipocytokines. This family includes the RELM α , RELM β and Resistin molecules. Interestingly, RELM β 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 β is expressed only in the gastrointestinal track; especially the colon, while the Resistin and RELM β are secreted exclusively by adipocytes. Currently, the biological function of these proteins, as well as their molecular targets is largely unknown. Recombinant Human RELM β is a disulfide-linked homodimer with a total molecular weight of 11.0 kDa, consisting of 90 amino acid residue chains.