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Recombinant Murine RELMβ
Catalog # PBG10381

Specification

Recombinant Murine RELMβ - Product Information

Recombinant Murine RELMβ - Additional Information

Description
RELMβ (Resistin-like molecule β/FIZZ2) is an 18 kDa disulfide-linked homodimeric protein expressed in the epithelium of the colon and small bowel. The biological functions of RELMβ, 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 (Rajala, M. et al. J. Clin. Invest. Vol. 111, 225-230 (2003)). Interestingly the molecular structure of RELMβ is highly homologous to that of the adipose-derived cytokine Resistin and RELMβ. These proteins share a highly 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. Recombinant Murine RELMβ is an 18.0 kDa, consisting of two 83 amino acid residue chains.

BiologicalActivity
Not Available at this time.

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

Endotoxin
Endotoxin level is <0.1 ng/ µg of protein (<1EU/ µg).

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

Storage
-20°C

Precautions
Recombinant Murine RELMβ is for research use only and not for use in diagnostic or therapeutic procedures.

Recombinant Murine RELMβ - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Recombinant Murine RELMβ - Images