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Datasheet for ABIN935757 **RETNLB Protein**

Overview

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|---------------|----------------------------|
| Quantity: | 25 µg |
| Target: | RETNLB |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |

Product Details

| | |
|------------------|--|
| Sequence: | MQCSFESLVD QRIKEALSRQ EPKTISCTSV TSSGRLASCP AGMVVTGCAC GYGCGSWDIR NGNTCHCQCS VMDWASARCC RMA |
| Characteristics: | Purified recombinant Human RELM beta protein Expression System: E.coli |
| Purity: | > 98 % pure |
| Endotoxin Level: | < 0.1 ng per µg (1 EU/µg). |

Target Details

| | |
|-------------------|--|
| Target: | RETNLB |
| Alternative Name: | RELM beta (RETNLB Products) |
| Background: | RELM beta (Resistin-like molecule beta/FIZZ2) is an 18 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 |

Target Details

tissue, the intestine and the liver (Rajala, M. et al. J. Clin. Invest. Vol. 111, 225-230 (2003)).

Interestingly the molecular structure of RELM beta is highly homologous to that of the adipose-derived cytokine Resistin and RELM beta.

Alternative Names: Resistin-like beta protein, Cysteine-rich secreted protein FIZZ2 protein

Molecular Weight: 18.0 kDa

Pathways: [Hormone Activity](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in water to a concentration of 0.1-1.0 g/mL.

Buffer: Lyophilised from 10 mM CH₃COOH.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.
