Recombinant Mouse RETN Protein

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Catalog No.: RP01873 Recombinant

Sequence Information

Species Gene ID Swiss Prot Mouse 57264 Q99P87

Tags

N-hFC

Synonyms

Resistin; Adipose tissue-specific secretory factor; ADSF; Adipose-specific cysteine-rich secreted protein A12-alpha; Cysteine-rich secreted protein FIZZ3

Retn; Fizz3

Product Information

Source Purification

HEK293 cells ≥ 95% as determined by SDS-

PAGE.

Calculated MW Observed MW

36.13 kDa 35-45 kDa

Endotoxin

 $< 0.01 \; \text{EU/}\mu\text{g}$ of the protein by LAL method

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

Resistin is an adipocytokine, which has been studied for its role in insulin resistance and recently in inflammation. The RETN and CAP1 polymorphisms and gene expression may be potential biomarkers for breast cancer risk. Resistin (RETN), recently found to be relevant to inflammation and inflammatory disorders.

Basic Information

Description

Recombinant Mouse RETN Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser21-Ser114) of Mouse RETN (Accession #NP 075360.1) fused with hFc tag at the N-terminus.

Bio-Activity

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

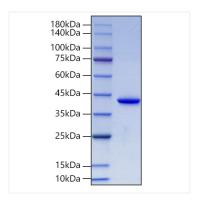
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Validation Data



Recombinant Mouse RETN Protein was determined by SDS-PAGE under reducing (R).