Recombinant Human RETN Protein

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Catalog No.: RP01810 Recombinant

Sequence Information

Species Gene ID **Swiss Prot** Human 56729 O9HD89

Tags N-hFc-His

Synonyms

ADSF; RENT; RSTN; XCP1; FIZZ3; RETN1

Product Information

Purification Source HEK293 cells ≥ 90 % as

determined by SDS-

PAGE.

Calculated MW Observed MW

36.52 kDa 40-45 kDa

Endotoxin

 $< 0.01 EU/\mu g$ 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 Human RETN Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Ser17-Pro108) of human RETN (Accession #) fused with a hFc, 6×His 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.

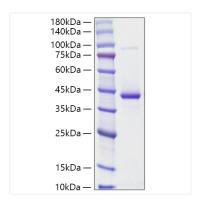
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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 Human RETN Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.