

Recombinant Mouse RETN Protein

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	

Endotoxin

< 0.01 EU/μg 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 stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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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

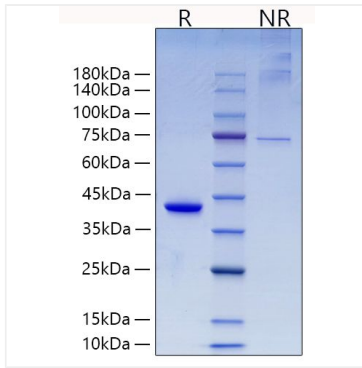
Storage

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.

Validation Data



Recombinant Mouse RETN Protein was resolved with SDS PAGE under reducing (R) and non-reducing (NR) conditions showing single bands at 35-45 kDa and 65-75 kDa, respectively.