

Recombinant Rat Resistin protein (rFc Tag)

Catalog Number: Eg3408

Basic Information

Species:
Rat**Purity:**
>90 %, SDS-PAGE**Tag:**
rFc Tag

Technical Specifications

Purity:

>90 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ µg protein, LAL method

Source:

HEK293-derived Rat Resistin protein Pro27-Ser114 (Accession# Q8K4J7) with a rabbit IgG Fc tag at the N-terminus.

GeneID:

246250

Accession:

Q8K4J7

Predicted Molecular Mass:

36.6 kDa

SDS-PAGE:

35-39 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

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

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Resistin (also called ADSF: adipocyte secreted factor; FIZZ3: found in inflammatory zone) is a polypeptide hormone first reported from human and rodent adipocyte. Resistin is a member of the resistin-like molecule (RELM) hormone family, which includes RELM α, RELM β, and RELM γ. Resistin mRNA expression is higher in male than female rats in WAT and BAT. Resistin has been implicated in the pathogenesis of various diseases, including atherosclerosis.

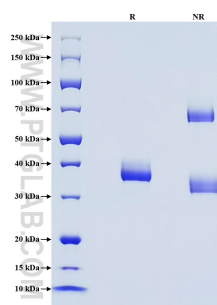
References

1. Nogueiras R, et al. (2003). FEBS Lett. Jul 31;548(1-3):21-7.
2. Tovar S, et al. (2005). Eur J Endocrinol. Sep;153(3):R1-5.
3. Li Y, et al. (2021). Front Immunol. Jun 18;12:699807.

Synonyms

Retn

Selected Validation Data



Purity of Recombinant Rat Resistin was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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