

For Research Use Only

Recombinant Human Resistin protein (rFc Tag)



Catalog Number: Eg5393

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

Source:
HEK293-derived Human Resistin protein Lys19-Pro108 (Accession# Q9HD89) with a rabbit IgG Fc tag at the N-terminus.

GeneID:
56729

Accession:
Q9HD89

Predicted Molecular Mass:
36.4 kDa

SDS-PAGE:
35-43 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ m 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 is a member of the resistin-like molecule family (RELMs) that includes three additional proteins, RELM- α , RELM- β , RELM- γ . Resistin is almost exclusively expressed in white adipocytes in mice, whereas macrophages are the primary source in humans. In a variety of pathophysiologic states, particularly in type 2 diabetes mellitus and in chronic kidney disease, the serum concentration of resistin is increased.

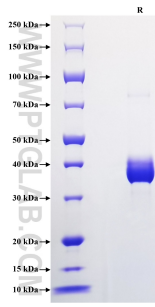
References

1. Cohen, Gerald, and Walter H Hörl. Seminars in dialysis vol. 22,4 (2009): 373-7.
2. Sudan, Sarabjeet Kour et al. Biochimica et biophysica acta. Reviews on cancer vol. 1874,2 (2020): 188419.

Synonyms

RETN, Adipose tissue-specific secretory factor, ADSF, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2

Selected Validation Data



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

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

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