

Recombinant Rat Retn Protein, His-tagged

Cat. No. Retn-1209R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Retn Protein (Prp21-Ser114) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Prp21-Ser114
Description	Predicted to enable hormone activity. Involved in several processes, including positive regulation of cell communication; positive regulation of smooth muscle cell migration; and positive regulation of smooth muscle cell proliferation. Located in extracellular space and nucleus. Used to study colitis. Biomarker of non-alcoholic fatty liver disease. Human ortholog(s) of this gene implicated in hypertension; hypertrophic cardiomyopathy; obesity; and type 2 diabetes mellitus. Orthologous to human RETN (resistin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 37.2 kDa; Accurate Molecular Mass: 38 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Retn resistin [*Rattus norvegicus* (Norway rat)]

Official Symbol

Retn

Synonyms

RETN; resistin;

Gene ID

246250

mRNA Refseq

NM_144741

Protein Refseq

NP_653342

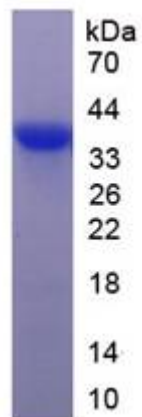
UniProt ID

Q8K4J7

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