

Recombinant Rat Retn Protein, His-tagged

Cat. No. Retn-2015R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Retn Protein (Leu25-Ser114) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Leu25-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: 13.3 kDa Accurate Molecular Mass: 14 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by 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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Retn resistin [<i>Rattus norvegicus</i> (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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