

# Recombinant Rat Retn protein

**Cat. No.** Retn-1056R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Retn protein was expressed in Escherichia coli.                                          |
| <b>Species</b>          | Rat                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                   |
| <b>ProteinLength</b>    | 95                                                                                                       |
| <b>Description</b>      | May contribute to impaired glucose tolerance and inhibition of adipocyte differentiation.                |
| <b>Form</b>             | Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH7.4, with 0.02 % Tween-20.             |
| <b>Molecular Mass</b>   | Approximately 20.2 kDa, a disulfide-linked homodimer consisting of two 95 amino acid polypeptide chains. |
| <b>AA Sequence</b>      | MPSMSLCPMDEAISKKINQDFSSLLPAAMKNTVLHCWSVSSRGRGLASCPEGTTVTS<br>CSCGSGCGSWDVREDTMCHCQCGSIDWTAARCCTLRVGS     |
| <b>Endotoxin</b>        | Less than 0.1 EU/µg of rRtResistin as determined by LAL method.                                          |
| <b>Purity</b>           | >97% by SDS-PAGE and HPLC analysis.                                                                      |
| <b>Storage</b>          | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from                       |

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date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

#### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at  $\leq -20$  centigrade. Further dilutions should be made in appropriate buffered solutions.

### GENE INFORMATION

**Gene Name** Retn

**Official Symbol** Retn

**Synonyms** RETN; resistin;

**Gene ID** 246250

**mRNA Refseq** NM\_144741

**Protein Refseq** NP\_653342

**UniProt ID** Q8K4J7

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