

## 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>	MPSMSLCPMDEAISKKINQDFSSLLPAAMKNTVLHCWSVSSRGLASCPEGTTVTS 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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 ≤-20 centigrade. Further dilutions should be made in appropriate buffered solutions.

## GENE INFORMATION

<b>Gene Name</b>	Retn
<b>Official Symbol</b>	Retn
<b>Synonyms</b>	RETN; resistin;
<b>Gene ID</b>	246250
<b>mRNA Refseq</b>	NM_144741
<b>Protein Refseq</b>	NP_653342
<b>UniProt ID</b>	Q8K4J7

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