

Recombinant Rat Retn protein

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

SPECIFICATION

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