Recombinant Mouse Retn Protein

Cat. No. Retn-235M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Retn Protein without tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Resistin, also known as FIZZ3, is a peptide hormone belonging to a class of cysteine-rich secreted proteins termed the resistin-like molecules (RELM) family. Mouse resistin, produced by adipocytes, is involved in insulin resistance and modulates glucose homeostasis and adipogenesis.
Bio-activity	No biological activity data is available at this time.
Molecular Mass	Dimer, 10.3/20.6 kDa (95/190 aa)
AA Sequence	MSSMPLCPIDEAIDKKIKQDFNSLFPNAIKNIGLNCWTVSSRGKLASCPEGTAVLSCS CGSACGSWDIREEKVCHCQCARIDWTAARCCKLQVAS
Endotoxin	≤1 EUs/μg, Kinetic LAL
Purity	≥95%, Reducing and Non-Reducing SDS PAGE
Stability	12 months from date of receipt when stored at -20 to -80 centigrade as supplied. 1 month when stored at 4 centigrade after reconstituting as directed. 3 months when stored at -20 to -80 centigrade after reconstituting as directed.

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Storage	Storage Prior to Reconstitution: -20 centigrade
Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Reconstitution	Sterile water at 0.1 mg/mL
Shipping	Room temperature
Instructions	Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80 centigrade and avoid repeat freeze thaws.

GENE INFORMATION

Gene Name	Retn resistin [Mus musculus (house mouse)]
Official Symbol	Retn
Synonyms	RETN; resistin; found in inflammatory zone 3; cysteine-rich secreted protein FIZZ3; adipose tissue-specific secretory factor; dominant inhibitory adipocyte-specific secretory factor; adipose-specific cysteine-rich secreted protein A12-alpha; ADSF; Rstn; Xcp4; Fizz3;
Gene ID	57264
mRNA Refseq	NM_001204959
Protein Refseq	NP_001191888

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UniProt ID	Q5BMX4

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