

Recombinant Mouse Resistin

Cat. No. Retn-5272M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Retn is a20.2 kDa protein and was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Retn, otherwiseknown as adipose tissue-specific secretory factor, is an adipose-derived hormoneand member of the Retn/FIZZ family, implicated as a suppressor of the abilityof insulin to reduce blood sugar, and to play a role in type 2 diabetes andobesity.
Form	Purified recombinantprotein - lyophilized.
Application	ELISA; WesternBlotting
Preparation	Purified recombinant Retn expressed in E.coli.
Molecular Weight	20.2kD (94 aminoacid residue homodimer).
Purity	> 98% by SDS PAGE and HPLC analysis
Endotoxin Level	< 1EU/ug
Concentration	Total protein concentration 0.1mg/ml after reconstitution.

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Storage

Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name Retn resistin [*Mus musculus*]

Official Symbol Retn

Synonyms Retn; resistin; ADSF; Rstn; Xcp4; Fizz3; OTTMUSP00000039872; 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

Gene ID 57264

mRNA Refseq NM_022984

Protein Refseq NP_075360

UniProt ID Q99P87

Chromosome Location 8 A1; 80.37 cM

Pathway Adipogenesis

Function hormone activity

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**Crystallographic
structure of a
hexamer of mouse
resistin**



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