

Recombinant Mouse Resistin

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

SPECIFICATION

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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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