

## Product datasheet for **SC331163**

### Resistin (RETN) (NM\_001193374) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Resistin (RETN) (NM\_001193374) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Resistin  
**Synonyms:** ADSF; FIZZ3; RETN1; RSTN; XCP1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331163 representing NM\_001193374.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGAAAGCTCTGTCTCCTCCTCCTCCCTGTCCTGGGGCTGTTGGTGTCTAGCAAGACCCTGTGCTCC
ATGGAAGAAGCCATCAATGAGAGGATCCAGGAGGTCGCCGGCTCCCTAATATTTAGGGCAATAAGCAGC
ATTGGCCTGGAGTGCCAGAGCGTCACCTCCAGGGGGGACCTGGCTACTTGCCCCGAGGCTTCGCCGTC
ACCGGCTGCACTTGTGGCTCCGCTGTGGCTCGTGGGATGTGCGCGCCGAGACCACATGTCACTGCCAG
TGCGCGGGCATGGACTGGACCGGAGCGCGCTGCTGCTGTCAGCCCTGA
```

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001193374  
**Insert Size:** 327 bp  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).  
**Reconstitution Method:**  

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

  
**RefSeq:** [NM\\_001193374.1](#)



[View online »](#)

RefSeq Size: 469 bp

RefSeq ORF: 327 bp

Locus ID: 56729

UniProt ID: [Q9HD89](#)

Cytogenetics: 19p13.2

Protein Families: Druggable Genome, Secreted Protein

MW: 11.4 kDa

**Gene Summary:** This gene belongs to the family defined by the mouse resistin-like genes. The characteristic feature of this family is the C-terminal stretch of 10 cys residues with identical spacing. The mouse homolog of this protein is secreted by adipocytes, and may be the hormone potentially linking obesity to type II diabetes. The encoded protein also has an antimicrobial role in skin, displaying antibacterial activity against both Gram positive and Gram negative bacteria. Alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2020]  
Transcript Variant: This variant (2) lacks a segment in the 5' UTR, as compared to variant 1. Variants 1 and 2 encode the same protein.