

Product datasheet for MC225701

Retn (NM_001204959) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Retn (NM_001204959) Mouse Untagged Clone

Tag: Tag Free Symbol: Retn

Synonyms:ADSF; Fizz3; Rstn; Xcp4Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF: >MC225701 representing NM_001204959

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGAAGAACCTTTCATTTCCCCTCCTTTTTCTTTCTTCTTGTCCCTGAACTGCTGGGCTCCAGCATGC CACTGTGTCCCATCGATGAAGCCATCGACAAGAAGAACAAGACTTCAACTCCCTGTTTCCAAATGC AATAAAGAACATTGGCTTAAATTGCTGGACAGTCTCCTCCAGAGGGAAGTTGGCCTCCTGCCCAGAAGGC ACAGCAGTCTTGAGCTGCTCTGTGGCTCTGCCTGTGGCTCGTGGGACATTCGTGAAGAAAAAGTGTGTC ACTGCCAGTGTGCAAGGATAGACTGGACAGCCGCTGCTGTAAGCTGCAGGTCGCTTCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001204959

Insert Size: 345 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal

tag.



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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: <u>NM 001204959.1, NP 001191888.1</u>

 RefSeq Size:
 607 bp

 RefSeq ORF:
 345 bp

 Locus ID:
 57264

 UniProt ID:
 Q99P87

 Cytogenetics:
 8 1.92 cM

Gene Summary: Hormone that seems to suppress insulin ability to stimulate glucose uptake into adipose cells.

Potentially links obesity to diabetes.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 3' UTR, compared to variant 1. Both variants 1

and 2 encode the same protein.