

Product datasheet for **MC204783**

Retn (NM_022984) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Retn (NM_022984) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Retn
Synonyms:	ADSF; Fizz3; Rstn; Xcp4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC051196 GGCACGAGGCAGGAGCTAATACCCAGAAGTCTGTTGTGCTGCTAAGTCTCTGCCACGTACCCACGGG ATGAAGAACCTTTCATTTCCCTCCTTTTCTTTTCTTCTTGTCCCTGAACTGCTGGGCTCCAGCATGC CACTGTGTCCCATCGATGAAGCCATCGACAAGAAGATCAAACAAGACTTCAACTCCCTGTTTCAAATGC AATAAAGAACATTGGCTTAAATTGCTGGACAGTCTCCTCCAGAGGGAAGTTGGCCTCTGCCAGAAAGGC ACAGCAGTCTTGAGCTGCTCCTGTGGCTCTGCCTGTGGCTCGTGGGACATTCTGTAAGAAAAAGTGTGTC ACTGCCAGTGTGCAAGGATAGACTGGACAGCAGCCCGCTGCTGTAAGCTGCAGGTCGCTTCTGATGTCG GGGAAGTGAAGCGTGGTTTCCAGCACAGCCACCCGTTCTGTAGCTCCAGAGATGTCTGATGTCCTCCGGT CTCTACAGGCACCTGCACTCACGTGCGGAATCCACACACAAGCACACATACTTAAAAATAAAACAAAAC AGGCTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	EcoRI-NotI
ACCN:	NM_022984
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).
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).



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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: [BC051196](#), [AAH51196](#)

RefSeq Size: 593 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 (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.