

Product datasheet for **RN202419**

Rnf103 (NM_053438) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf103 (NM_053438) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rnf103
Synonyms:	Adrg34; Kf1; Zfp103
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN202419 representing NM_053438
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGGCTGAAGCTGTTTTCTTCTGCTCCTGTATTTCTGTATCCTGTTCTGCTCCTGGCCAGGTTTTTTGAGG
 CCATTGTGTGGTACGAGACTGGCATCTTTGCTACTCAGCTGGTGGATCCGGTGGCATTGAGCTTCAAGAA
 GCTGAAGACCATTCTGGAGTGTGAGGGCTGGGCTACTCCGACTACCTGAGAAGAAAGATGTACGGGAG
 CTGGTGGAGAAGTCAGGTGACTTGTGGAAGGTGAACTCTATTCTGCTCTCAAGGAAGAAGAAGCATCTG
 AGTCTGTTTCTAGTACCAATTTCAAGTGGTAAAATGCATTTCTATGAGCTTGTAGAAGACACAAAAGATGG
 CATCTGGCTGGTTCAGGTATAGCAAATGACAGAAGTCCCTTGGTGGTAAAATCCACTGGGAGAAAATG
 GTAAAAAAGTGTCAAGATTTGGAATACGGACAGGCACCTTCACTGTTCCAGTATCCAGGACTGCA
 GAAGGAGAGGCTGGGTACGTTCCACTCTCATGTCTGTCCCACAAACAAGCACATCTAAAGGGAAAGT
 CATGCTTAAAGAGTACAGTGGGCGCAAGATTGAAGTAGAACACATTTTTAAATGGATAACTGCCCATGCA
 GCTTCTCGGATCAAAACTATATAATGTTGAGCATTGAAAGAAGAATGGAATAAAAGTATCAGTACT
 GGGTAAAAATATACCTGTTTGAACCTTGACCAACCACAGCTTCTTCTCTGCATTAAGTATAAAATT
 TACTGGAAGAGTTGAGTTATTTTTGTTAATGTGGAAAATTTGGAACAACAAGAGTTATATGACAGATATT
 GGTATTTATAACATGCCGTCATACATACTTAGAACTCCTGAAGGAATTTACAGATATGGAATCACACAG
 GTGAATTTATATCCCTTCAGGCCATGGATTCATTTTTACGCTCATTACAACCTGAAGTAAATGATCTGTT
 TTTTTGAGTTTGGTTCTAGTTAATCTTATGGCTTGGATGGACTATTTATTACACAAGGAGCAACCATC
 AAGCGATTTGTGGTTCATAGAAGTCTTAGGGACATACAATCCCTATTAATTTCTTGGCTACCTG
 GTTGGGCTTTCTACAGCTCCCTACTTAGATAGCTTTTATGAATATAGTTTAAAGATTGCTGCGTACTC
 TAATACAACCACACTGGCTTCGTGGTAAGGGCAGACTGGATGTTTTACTCTTCACACCCAGCCCTGTTT
 CTCAGTACATACCTTGGACATGGTTTGCTAATTGATTACTTTGAGAAGAAGAGACGGCGCAGCAACAATG
 ATGAAGTTAATGCGAATAATTTAGAGTGGTTATCAAGTCTGTGGGACTGGTACACCAGCTACCTCTTCCA
 CCCGATTGCTTCTTTTCCAGAACTTCTGTAGACTCTGATTGGGATGAAGACCCTGACTTATTCTTGGAG
 CGGTTAGCTTTCCCTGACCTTTGGCTTCCACCTCTGATACCAACTGATTATTTAAAACTTACCAATGT
 GCGGTTTAAATGTCTTGGGCTCAGTCTGAAGAAGAAATGTCGGAGAGTTCTCAAGACTGAAAATGA
 CTCAGATAGTGACAACACGGACACTTTTAGTAGTAGTAAGGATGATTTGAAGATAAACAAAATGTTTCC
 AGTTCTCCAGGAAGAACAAGTCGCTGCGATACTGAGGCTTGTTCATGTGCCAATAAATGTTGTCAGACCA
 GCCCATGTGAAAGGAAGAGGAGGTATGCTCAGTAACTAAGGAAGATATGGAGCCGGACTGGCT
 AACTTGGCCTGCTGGTACGCTGCACTGACTGAATGTGTTGTTTGCCTTGAGAATTTTGAAGTGGATG
 TTGCTGATGGGGTTGCCTTGTGGTTCATGTGTTTACCAGAATGCATTGTTATGTGGTGGCTGGGGCC
 GACTGTTGCCCTGTTTGGCCTTGCATATAAGAAAAAGCAGCCATATGCACAGCAACAGCCGTT
 GTCAAATGATGCTCCATCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053438
- Insert Size:** 2052 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_053438.2](#), [NP_445890.2](#)

RefSeq Size: 2533 bp

RefSeq ORF: 2052 bp

Locus ID: 84508

Cytogenetics: 4q31

Gene Summary: mRNA expression is induced in hippocampus after chronic treatment with a selective serotonin reuptake inhibitor antidepressant [RGD, Feb 2006]