

Product datasheet for **RN213811**

Gata6 (NM_019185) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gata6 (NM_019185) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gata6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN213811 representing NM_019185
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTTGACTGACGGCGGCTGGTGCCTGCCAAGCGTTTCGGGGCTGCTGCTGCGGACGCCGGCGACT
CTGGGCCCTTTCCAGCGCGGGAGCCCTCCTCGCCGCTCTCCCCATCTCGTCCTTCTCCTCCTGCTC
CCGGGGTGGGATCGTGGTCCCTGCGGCGCCAGCAACTGCAGGACGCCGAGCTCGACTGAGGCGGTG
GCGGGACCTCCGGGCGCTCGCTCTTGCTCAGCCCTACACTTCCCATCCCTTCGCCGCTGCTCACGGAG
CCGCGGCGCCGGGTGCTGGCCCCGGGAGCGCCCTGTCGACTTGGGAGGACCTGTTGCTTCTACTGA
CCTCGATCAGGCCGACCGCCAGCAAGCTGCTGTGGTCCAGCCGGGGCGCAAGCTGAGTCCCTTCGG
GCCGAGCAGCCGAGGAAATGTACCAGACGCTCGCCGCTCTGTCCAGCCAGGGGCCGCCGCTTACGACG
GCGCGCCCGCGGCTTCGTACACTCCGAGCTGCGGCGCCGCGGCGCCGCGGAGCCAGCTCTCCGGT
CTACGTGCCACACACGCGTGGGCTCCATGCTGCCCGCCTGCCTTACCTGCAGGGGGCGGACAGCGGG
CCCAGCAATCACGCGGGCGGCGCGGGGCCACCCGGGCTGGCCCCAGGCCTCCGCCGACAGCCCCCGT
ATGGCGGGGGTGGTGCAGCGGGCGGCGCGCGCCGGACCCGGAGGTGCGGGATCAGCCACAGCCACGC
CTCTGCACGCTTCCCCTACTCGCCAGCCCGCCATGGCCAACGGCGCCGCGGGGACCCGGGGGTAC
GTGGCTGCGGGCGGCGGGCGCGGGTAGCGTGAAGTGGCGGTGGCGGACGCTGGCGGCCATGGGTGGCC
GGGAGCACCACTACAGCTCGCTGTCGAGCCAGGCGGCTGAACGGGACGTACCACCACCACCATCATCA
CCACCCGACCTACTCGCCCTACATGGGCGCTCCTCTGACTCCCGCCTGGCCAGCGGGACCCCTCGAAACG
CCGGTCTCCACAGTTTACAGAGCCGCGGGAGCTCCACTCCCGGTGCCACGAGGCCCCAGCGCAGACC
TGTTGGAGGACCTGTCGAGAGCCGCGAGTGCCTGAACGTGGCTCCATCCAGACGCCACTGTGGAGACG
AGATGGCACCGGTCATTACCTGTGCAACGCATGCGGTCTCTACAGTAAGATGAACGGCCTCAGCAGGCC
CTCATCAAGCCACAGAAGCGCTGCCTTCATCACGACGCTTGGACTGTCTGTGCCAACTGTACACCA
CAACCACTACCTATGGCGTAGAAACGCTGAGGGTGAAGCCGTGTGCAATGCTTGGGGCTTTATATGAA
ACTCCATGGGGTGCCTCGACCACTTGCTATGAAAAAGAAGGAATTCAAACCAGGAAACGAAACCTAAA
AATATAAATAAGTCGAAAGCTTGCTCCGGTAACAGCTCTGTTCCATGACTCCAACCTCCTCCTCCTA
ATTCAGATGACTGCACCAAAAACTTCTCCTCCACACAGTCGACTGCCTCAGGGTGGGTGCATCAGT
GATGTCTGCAGTGGGAGAAAGTGCCAACCTGAGAACAGTGACCTCAAGTATTCAGGTCAAGATGGCCTC
TACATAGGTGTCAGTTTGTCTCCCTGCCGAAGTTACATCCTCGGTGCGACAGGATTCTGGTGTGCTC
TGGCCCTGGCC**TGA**

AG**CGGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-RsrII
ACCN: NM_019185
Insert Size: 1764 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_019185.2](#), [NP_062058.2](#)

RefSeq Size: 3044 bp

RefSeq ORF: 1764 bp

Locus ID: 29300

UniProt ID: [P46153](#)

Cytogenetics: 18p13

Gene Summary: zinc-finger transcription factor that binds DNA at GATA regions; involved in gene regulation in the stomach [RGD, Feb 2006]