

Product datasheet for **RN210446**

Foxo3 (NM_001106395) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxo3 (NM_001106395) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxo3
Synonyms:	Fkhr11; Foxo3a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN210446 representing NM_001106395
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCAGAGGCCACAGCCTCCCGGTCCCGCTCTCTCCGCTCGAAGTGGAGCTGGACCCAGAGTTCGAGC
 CACAGAGTCGGCCACGCTCCTGTACGTGGCCCTGCAGAGGCCGGAGCTGCAGGCCGAGCCCGCCAAAGCC
 CTCGGGGGAGACGGCGGACACTCCATGATCCCGAGGAGGACGACGATGAAGACGACGAGGACAGCGGC
 GGCCGAGGACGCTCGGCCATGGTATCGGTGGCGGCGTGAGCAGTGCCTGGGCTCCGGGCTGCTCCTCG
 AAGATTCGGCCAGGCTGCTGTCTCCCGAGGGCAGGACCTCGGGACGGGGCCAGCGTCTCCGAGGCGC
 GCTGAGTGGGGCACGCAGACGCAGCTGCAGCCTCAGCAGCCACTGCCACCGCCGAGCCGGGGCGGCT
 GGGGGCTCTGGCAACCGAGGAAATGCTCCTCGCGGCGGAATGCCTGGGGAACTGTCTACGCTGACC
 TGATCACCGCGCCATCGAGAGCTCCCGGACAAACGGCTCACTTTGTCCAGATCTACGAGTGGATGGT
 GCGCTGTGTGCCCTACTCAAGGATAAGGGCGACAGCAACAGCTCTGCGGGCTGGAAGAATCCATCCGC
 CACAACCTGTCACTGCACAGCCGTTTCATGCGGGTTCAGAACGAAGGGACTGGCAAGAGCTTTGGTGG
 TCATCAACCCCGATGGGGAAAGAGTGGGAAGGCTCCCGGCGGCGGGCCGCTCCATGGACAACAGCAA
 CAAGTACACCAAGAGCCGAGGCCGGGCAGCCAAGAAGAAGGGCGGCCCTGCAGGCTGCCCCAGAGTCGGCA
 GACGACAGCCCTCCCAACTCTCCAAGTGGCCGGCAGCCCCACATCCCGCAGCAGCGACGAGCTGGACG
 CCTGGACCGACTCCGCTCGCGCACCAATTCCAACGCCAGCACCCTGAGCGGGCCGCTGTACCCATCTT
 GGCGAGCAGGAGCTGGATGACGTCCAGGACGATGACGGGCCCTCTCCCCATGCTCTACAGCAGCTCT
 GCCAGCCTGTGCGCTCCGTAAGCAAGCCGTGTACCGTGGAGCTGCCGCGGCTGACTGACATGGCGGCA
 CCATGAATCTGAACGATGGGCTGGCCGAGAACCCTCATGGATGACCTGTAGATAACATCGCGCTCCCGCC
 CTCCCAGGCGTCCCTCCTGGCGGGCTTATGCAGCGGAGCTCCAGCTTCCCGTACACCGCCAAGAGCTCC
 GGCTGGGCTCCCAACAGCTCCTTTAACAGTACCCTGTTTCGGACCTGCGTCACTCAACTCCCTGCGCC
 AGTCGCCCATGCAGACCATCCAGGAGAACAGACCACCCCTTTTCTTCCGTGTCGCACTACGGCAACCA
 GACTCTCAAGACCTGCTCACTTCGACTCGCTCAGCCACAGCGATGTCATGATGACCCAGTCAGACCCC
 TTGATGTCTCAGGCTAGCACCGCTGTGTCCGCCAGAACGCCCGGGAACGTGATGCTTCGCAACGACC
 CAATGATGTCTTTGCCGCCAGCCTACCCAGGGGAGTTGGTCAATCAGAACTGTCCACCACCAGCA
 CCAAACCCAGGGCGCTTTGGTGGCAGCCGTGCCTTGCAAACTTCTGCAGCAACATGGGCTTGAGTGAC
 TCCAGCAGCCTCGGCTCAGCCAAACACCAGCAGCAGTCTCCCGTCAGCCAGTCTATGCAAACCTCTCGG
 ACTCTCTCTCAGGCTCCTCACTGTATTCAGCCAGTGCAAACCTTCCCGTCATGGGTACGACAAGTCCC
 CAGTGACTTGACCTGGACATGTTCAATGGGAGCTTGAGTGTGACATGGAGTCCATCATCCGTAGCGAA
 CTCATGGATGCCGATGGGTTGGATTTAACTTTGACTCCCTCATCTCCACACAGAACGTTGTTGGTTGA
 ACGTGGGGAACCTCACTGGTGCTAAGCAGGCCTCATCTCAAAGCTGGGTGCCAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106395
Insert Size: 2019 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.

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_001106395.1](#), [NP_001099865.1](#)

RefSeq Size: 2885 bp

RefSeq ORF: 2019 bp

Locus ID: 294515

Cytogenetics: 20q12-q13