

Product datasheet for **RN214048**

Foxo4 (NM_001106943) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxo4 (NM_001106943) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxo4
Synonyms:	RGD1561201
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214048 representing NM_001106943
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCCAGAGAATAAGAAGTCAGCCACAGAGGCTGCCGCGATCATAGACCTCGATCCCGACTTCGAAC
CCCAGAGCCGTCCGCGGTCTGCACCTGGCCCCCTTCCTCGACCAGAGCTCGCTACGGAGCCACCCGAACC
GTCCGAGGTGGAGCCAGTCTGGGACAGAAGGTACCCACGGAGGGACACTCCGAACCGACCTGTTGCC
TCTCGGCTCCCAGAGCCGGCAGGGGGCCCCAGCCGAAATCCTGGGGGTGTAACAGGTCTCGGAAGG
GAGGCTCCCGCCGAATGCCTGGGAAATCAGTCATATGCAGAATCATCAGCCAGGCCATTGAAAGCGC
CCCGGAGAAGCGGCTGACACTCGCCAGATATACGAATGGATGGTCCGCACGGTGCCTACTTCAAGGAC
AAGGTTGACAGCAACAGCTCGGCAGGATGGAAGAACTCCATCCGTCAACCTGTCTTTGCACAGCAAGT
TCATCAAGGTACATAACGAGGCCACCGCAAGAGCTCTTGGTGGATGCTGAACCCCGATGGCGGCAAGGG
TGGCAAGGCACCCGGCGCAGGGCTGCCTCCATGGATAGCAGCAGCAAGCTGCTCCGGGGCCGAGCAAA
GGCCCCAAGAAGAAGCCATCTGTCTGCCAGCTCCACCTGAAGGTGCCACTCCAAGGAGCCCTCTGGGCC
ACTTTGCCAAGTGGTCGAGCAGTCTTGTCTCGAAATCGAGAAGAAGCTGATGTGTGGACCACTTTCCG
TCCACGAAGCAGTTCAAATGCTAGCACTGTGAGCACTCGGCTGTCCCAATGAGGCCGGAGTCTGAGGTG
CTAGCAGAAGAGGAAATGCCAGCCTCAGCCAGCAGCTATGCAGGGGGTGTCCCTCCCACCCTCAGTGAAG
ATCTAGAGCTGTGGATGGGCTCAATCTTGATCTCCCAATCCTTGTGTCCAGGAGCAATCTCTCCAG
CTTCTCTTTGCAGCATCTGGGCTTGTGGCCCCCTTACATAGCTATGGCGCCTCCCTCTTTGGCCCAATA
GATGGGCTTTGTGAGCAGGAGAAGGGTGTCTCTCGAGTTCAGTCTCTAGAGGCTCTGCTCACCTCTG
ATACACCACCACTCTGCTGATGTTCTCATGACCCAGGTAGATCCTATCCTGTCTCAGGCTCCTACACT
TCTGTTACTGGGAGGAATGCCTTCTCTAGCAAGCTGGCCACAGGAGTCAGCCTGTGTCTACGCCGCTA
GAGGGTCTGGTCCCAGCAACCTGGTTCACCCCTTTCTGTGATGGCACCACCTCCAGTCATGCCAGGTG
CTCCCATCCTAAGTCTGGGAACCCCTGTGCTTGCATCTCCTACTGAAGATTTAGCCATGACAGAAT
GCCTCAGGATCTGGATCTTGATATGTACATGGAGAACCTGGAGTGTGACATGGATAACATCATCAGTGAC
CTCATGGATGGTGGGACTGGACTTCAACTTTGAGCCAGATCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106943

Insert Size: 1518 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_001106943.1](#), [NP_001100413.1](#)

RefSeq Size: 3159 bp

RefSeq ORF: 1518 bp

Locus ID: 302415

Cytogenetics: Xq22