

Product datasheet for **RN207688**

Foxk1 (NM_001037219) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxk1 (NM_001037219) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxk1
Synonyms:	RGD1309643
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207688 representing NM_001037219
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGAAGTCGGCGAGGACAGCGGCCCGCCGCTGCTGGCGCTGCGCTCGGCTCCCTGCAGCCCCG
 TGCTATGTGCCGGCCCGCGGCCCGCCTTCCGGCCACAGCGTCCCGCCGCCCGCGCAACCTCC
 GCCCGGGCCGCCCGCTGCCCGCGTGGCGGCCCGAGCCGGTGCCTCCACCGCCGCACTGCCACC
 GCCACCGCGCCCGCTGGTGGCCGCGCGCTGCCTCCGTGCGCCAGAGCCCGGGCGGCTCTGGCGC
 GCCTGGAGGGTCGGGAGTTCGAGTTTCTGATGCGGCAGCCAGCGTCACCATCGGCCGAATTCGTCTCA
 GGGCTCGTGGACCTGAACATGGCCTGTGAGCTTCATTTCCCGGCCACCTGCAGCTCAGCTTCCAG
 GAGCCTCACTTCTATCTTCGCTGTCTCGGAAGAACGGCGTCTTCGTGGACGGGGCTTCCAGAGGGCG
 GAGCGCCCGCCTGCAGCTGCCCAACAATGCACCTTCCGGTCCCGAGCACGGCCATCAAGATCCAGTT
 CACATCCCTGTACCATAAGGAGGAGGCCAGCATCCCCCTGCGGCCACTTACCCGCAGATCTCCCCA
 CTGAAGATCCACATTCGGAGCCGGATCTCCGGAGCCTTGTAGCCCCATCCCTTCCCTACCGGCCA
 TCAGTGTCCCAACTCCTGTCCAGCAAGTCTCGAGGGGCTGGTTCGTCCAGTTACCGCTTCGTCCAGAA
 TGTGACCTCTGACCTTACGTGGCCGAGAGTTCGCCGGAAGGCAGCCTCCGAGCAGCAGGCAGACAG
 TCTGGTGGGGACAGCCCCAAGGACGAGTCGAAGCCACCGTACTCCTATGCACAGCTGATCGTGCAAGCCA
 TCTCCTCGGCCAGGACAGGCAGCTAACACTAAGTGGCATCTACGCCACATCACAAACATTACCTTA
 CTACAGGACTGCCGACAAGGGCTGGCAGAACTCTATCCGACACAACCTCTCTTAAACCGCTACTTCATC
 AAAGTCCCTCGTCCCAGGAGGACCTGGGAAGGGCTCCTTTGGCGAATAGACCCTGCCTCCGAAGCCA
 AGCTCGTGAACAAGCGTTCGAAAGCGGAGGCAGAGAGGCGTCTCTGCTTCCGACCCCTTTGGGCC
 TCTGTCTCACGGAGTGTCCAGCTTCAACCACCCACCTGGACTGATGTCCCTCGTTCAGTGGCCTG
 CAGACCCAGAGTGCCTGTCTCGAGAGGGCTCCCCATTCCACATGATCCCGACTTGGGGTCAAAGTTAG
 CCTCTGTTCCAGAGTACCGCTATTCAGAGTGGCCAGGCTCCCTGTGAGCGCCAGCCGGTATTAT
 GGCTGTCCCTCCCGACCTTCCAACCTAGTGGCTAAGCCTGTTGCCTACATGCCAGCTTCCATAGTGACC
 TCACAGCAGCCCTCAGGCCACGCCATCCACGTGGTCCAGCAGGCTCCACCGTACCATGGTGAGGGTGG
 TTACCACCTCTGCCAACTCAGCCAACGGGTACATCCTGGCGAGCCAGGGCTCGACCGCGACCTCCCACGA
 CACCGCAGGCACAGCCGTGCTGGACCTGGCAATGAGGCTAGAGGTTTGAAGAGAAGCCCACCATAGCA
 TTTGCCACAATCCCTGCAGCTAGCCGAGTTATCCAGACGGTCCGACCCAGATGGCCCCAGGAGTCCCTG
 GACACACAGTACCATCCTTCCAGCCGGCTACACAGTACTATCGGGCAGCACCCTTCCAGTCCGGGC
 TGTCACTCAGAATGGGAAGCATGCTGTACCCACGAATAACTTGACTGGCAATGCTTATGCCCTCACCAGC
 CCCTTGCAGCTCCTGGCAGCCAGGCGAGTTCATCCACGCCAGTGGTTCATCACCCGGGTGTGCGAGGTAG
 GGCTGAGGAGCCAACAGCAGCCGTCTCCGTGGCAGTGTGCTGCGCCAGCCAGCCATCTCCACTAC
 CACATCTGCCTCTTCCAGCGGGAGCCGAGCTCAAGAGGTCCCGGTAGAGGAGCCAGTGGGACAGCC
 ACCACACAGCCACAGCTATGGCAGCCACCGCCCTCAGGGCCAGGGACCGGCGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037219
Insert Size: 2160 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:	<ol style="list-style-type: none">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:	<u>NM_001037219.2, NP_001032296.2</u>
RefSeq Size:	2487 bp
RefSeq ORF:	2160 bp
Locus ID:	304298
Cytogenetics:	12q11