

Product datasheet for **RR208692**

Foxi1 (NM_001105776) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Foxi1 (NM_001105776) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Foxi1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208692 representing NM_001105776
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGAGCTCCTTCGACCTCCCGGCCCTCGCCACCTCGATGCAGCCCCAGTCCCCAGCATCGGCCAGG
AGCCCCCGAGATGAATCTTTACTATGAGAAGTCTTCCACCCTCAGGGCATGCCAGTCCCTCAGCGCCC
CACCTCCTTCGAAGGTGGTGGCGAGTACGGGGCCACCCCAACCCCTACCTCTGGCTCAATGGGACAGC
ATGACCCCAACCCCTACCTGCCCGGCACTAACGCCAGCCCTTCTTACCCAGGCCTACGCATGCAGA
GGCAGCTATTGCCAGTGAAGTGGGCTGGCTGCCATCCCTCTCAGGAGGAGCTCATGAAGCTGGTGCG
CCCACCATATTCTACTCTGCGCTTATTGCTATGGCAATCCACGGTGCTCCTGACCAGCGTCTCACACTG
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CCATCCGCCACAACCTGTCACTCAACGACTGCTTCAAGAAGGTGCCCGAGATGAGGACGACCCAGGCAA
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CCAGCAGCCCCAAGCCCACAGAGCCTCAGGAGGTCTTAGACACTGCCTCACCAGACACCACCAGCAGCTC
CCCAGAGAAGCGGTCCTCCCTGCTCCCTCAGGCACCCGGTGTCTCAACAATTCCTCTCTACCATGACA
GCCTATGTGAATGGGACAAACCCATTAGCCGCTCAGCAGCCACACCAGGACTGAGCCCGGAGCCTGTTG
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TGGGGGTGAATGGGCCAACCCGGTACCCACCAATGCTCTGGGCTATGGAGGCCCTGTCTTCAACCAAGTTC
AGTCCACATTTCTACAATAGCATCAACACCAACAGTATCCTCTTCCCCAGGGAAGGCACTGAAGTC

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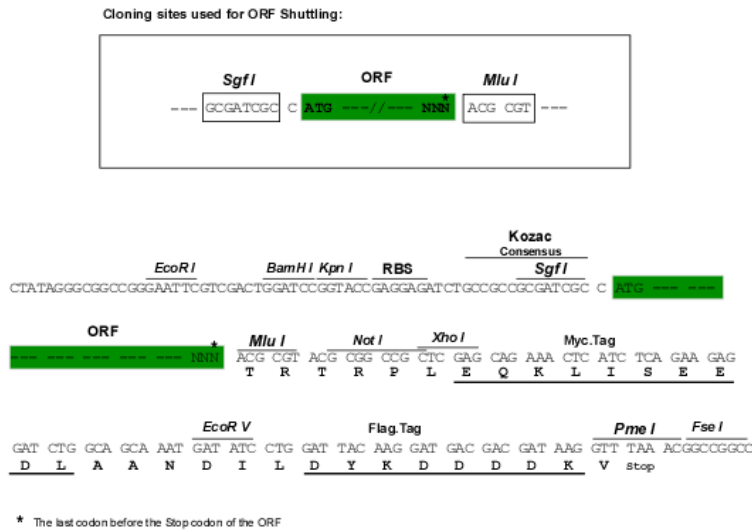
Protein Sequence: >RR208692 representing NM_001105776
 Red=Cloning site Green=Tags(s)

MSSFDLPAPSPPRCSQPFPISIGQEPPEMNLYYENFFHPQGMPSQRPRTSFEGGGEYGATPNPYLWLNATA
 MTPPPYLPGTNASPFLPQAYGMQRQLLPSELGWLPIPSQEELMKLVRPPYSYAL IAMA IHGAPDQRLTL
 SQIYQYVADNPFYFNKSKAGWQNSIRHNLNLNDCFKKVRDEDDPGKGNVWTLDPNCEKMF DNGNFRKRK
 KRKSDASSSTGSLASEKTENRLLSSSPKPTPEQEVLDTASPDTTSSSPEKRSSPAPSGTGPLNNFLSTMT
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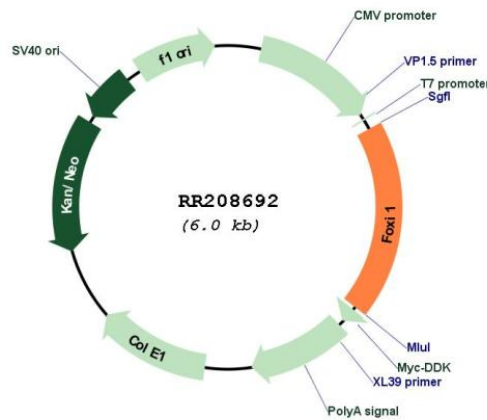
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001105776

ORF Size:	1116 bp
OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001105776.1 , NP_001099246.1
RefSeq Size:	2319 bp
RefSeq ORF:	1119 bp
Locus ID:	287185
Cytogenetics:	10q12
MW:	40.9 kDa