

Product datasheet for **RR209480**

Fjx1 (NM_001108955) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fjx1 (NM_001108955) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fjx1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR209480 representing NM_001108955
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGCGGAAGATGCGGGGCGCCGCCCGGGGCTCTGGCTGCTGGCTTTGGGCTCGTGCTAACGC
 TGTGGGGAGGGCTCTGCCACCACGGACCGAGCTGCCAGCCTCCCGGCCCGGAAGATCGACTCCCTCG
 GCATCCGATCCAGAGTGGCGGCCCGCGCCGAGCCGCGATTCCCTCTGCCCCCGCCCTAGTGTGGAC
 GCCCGCGCGGCTCCCTGAAAATTTCCGGGCGCTGCTACCCTGGCGGCCGCGCGGATAACCCGCCTG
 GGAGGCACCCGGACGATCGCGGGCGGCAGTGCCTCCGGGCTGTCTGGCCAGCGGAGCACACGGCAGT
 GCACGGGGGCGTGTGGAGCCGCGCCTGGAGGAGCAGGTGCCCGGGGCTTTCCGAAGCCCAAGCA
 GCAGCTTGGCTGGAGGTGCACGGGAGCTCGGGTGGTGGCTCTGGATCGCGGGGCTGTGGACGAGTT
 CCAACCGCTAGCCCGCTTGGCAGCGCACCCGTGCCTGTGTACGCTACGGCATCAACCCAGAGCAGAT
 ACAGGGCGAGGCCCTGTCTACTACCTTGCAGCCTGCTGGGCTCCAGCGCCACGTGCCCGGCTGGCA
 CTGGCTCGGGTGGAGGCTCGGGGCGCGCAGTGGGTGCAGGTGCAGGAGGAGCTGCGCACGGCGCACTGGA
 CCGAGGGCAGCGTGGTGAGCCTGACGCGCTGGCTGCCTAACCTCACCGACGTGGTGGTGCAGGAGCCCTG
 GCGATCAGAGGACGGCCGTCTGCGGCCCTGCGCGACGCCGGGGCGAGCTGACCAACCTCAGCCAGGCG
 GAGCTGGTGGACCTGGTACAATGGACCGATCTGATCCTCTTCGATTACCTGACAGCCAATTCGACCGGC
 TTGTAAGCAACCTCTTACGTTACAGTGGGACCCACGCGTTATGCACCGCGCTACAAGCAACCTGCACCG
 AGGACCAGGAGGGCGTGGTCTTCTGGACAATGAGGCGGGCCTGGTGCACGGGTACCGGGTAGCCGCG
 ATGTGGGACAAGTATAACGAACCGCTGTACAGTCGGTGTGTATTCCGAGAGCGGACTGCTAGGCGCG
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 TTTCCAGAGCTGGCGGAGCTCGCAGACCCACGCTCAGCTGCTACAGCGCCCGCTTACTTCTCGCC
 AAACACATTTTGCAGTGTAAAGGCAAGTACGGCCGCCAGCCGGGACTTAATAACTCCGAGGAAGAG
 AGGGACTGGTTATGAA

AC**CGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA**
 TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

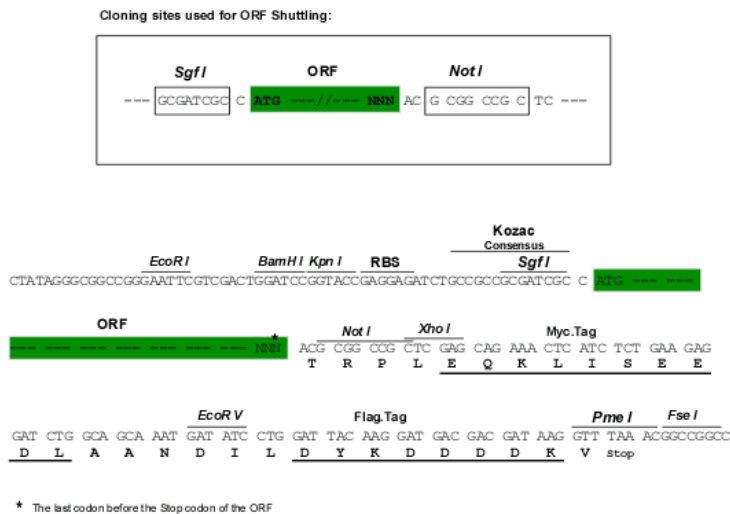
>RR209480 representing NM_001108955
 Red=Cloning site Green=Tags(s)

MGRKMRGAAAAGLWLLALGSLLLTWGGLLPPRTELPA SRPPEDRLPRHPIQSGGPAPEPRFPLPPPLVWD
 ARGGSLKTFRALLTLAAGADNPPGRHPDDRGRHVPSGLSWPAEHTAVHGGVFWSRGLEEQVPRGFSEAQA
 AAWLEVARGARVVALDRGGCGRSSNRLARFADGTRACVRYGINPEQIQGEALSYLARLLGLQRHVPLA
 LARVEARGAQWVQVEELRTAHWTEGSVSLTRWLPNLTDVVVPEPWSEDGRLRPLRDAGGELTNLSQA
 ELVDLVQWTDLILFDYLTANFDRLVSNLFSLQWDPVMHRATSNLHRGPGGALVFLDNEAGLVHGYRVAG
 MWDKYNEPLLQSVCFRERTARRVLELHRGQDAARLLRLYSRHEPRFPELAELADPHAQLLQRRLDFLA
 KHILHCKAKYGRRPGLITLRGREGLYE

TRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-NotI

Cloning Scheme:


ACCN: NM_001108955

ORF Size: 1347 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:

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_001108955.1](#), [NP_001102425.1](#)

RefSeq Size: 2102 bp

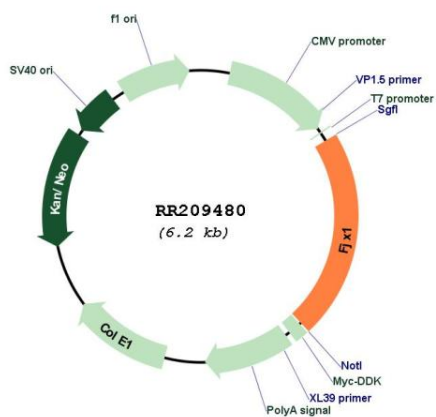
RefSeq ORF: 1350 bp

Locus ID: 366140

Cytogenetics: 3q32

MW: 50 kDa

Product images:



Circular map for RR209480