

Product datasheet for **RR204080**

Klf11 (NM_001037354) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klf11 (NM_001037354) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klf11
Synonyms:	Tcfcp2l2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>RR204080 representing NM_001037354
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCACTCGCCAGGCTCCACCGCCCGGGCAGCGCGCGCGGCTGACATCATGGACATTTGTGAGTCAA
 TCCTGGAGAGGAAGCGGCACGACAGCGAAAGGTCCACGTGCAGCATCCTGGAGCAGACAGATATCGAAGC
 TGTGGAAGCTCTCGTTTGCATGAGTTCTTGGGGTCAAAGGTCCCAGGTGAGACCCCTCACACCCGTCTCT
 GATTCTGGTGACGTACCCACGGCGGTGCTTATGGACACAGCTGCACCTGATCTACCAAAGGACTTCCATT
 CTTTTTCAACTCTGTGTATAACTCCTCCTCAGAGCCAGAGCTCATGGAGCCAACAGGGACCCCTGTTCC
 TTCCCAAGTAATCAATCCCAAGGATGCATGGCCACTGCCCTCCCCCATCCCCTACTGGGGGCCCCAGA
 AACTGAGCAAGGGGAACACCGGAGCCATCCTCAGAGTCTCCTGCAGGGCCGTGATGACGAGCGTGA
 TCCGTCACTGGGAGAGCCAGCTCCGACATGTTTTCAAAGTCCAACTCAAGAGCAGCCAGCGTC
 CGACAGCAGAGGAGACAAGACCGTGTGGACCACCTCGAAGCCTTGCAGGACACACGTTTGGCAGAT
 GGCTTACTTGTACTAATCTGGTTTCTGTGACGCTTGTGTCACAAGTCTGGTGGCCTGTTCCCATCG
 ACAAAGGCCAACAGACAGTATGGCCCGTCCGCTTCCAGACCTGCTTACCAAAGAATCCTGAAAGTACTT
 GTCAAGGAAAACACCCCTTTTATTTCTGTCCCTGTCTAGCCCCCTGTCTTTGCCAGATGATCCCT
 GTGGCTGGACAAAATGGCATGCTCTCAGCTTTTTGAGGCCTCTACCCAGTTGCCTGCAGGGACTATCA
 AGCCATCCTACCCCAAGCTGCTCAATGTCTCAGCCTGTGTTTATGGCCCGCCTGTGCCTCAGGGAAC
 TGTGATGCTGGTCTTCCACAGAGCACCTTCCCCAGCCTGTGCCTGTCCATCCAGTGTGATGGCCATT
 GGAATACCAAACCTTTGCCCTTGGCCCTGCCAGTGTTCGTCGCTCCAGCCAGAAGTGTGCCCTC
 AGGTAGACTTTTCCAGAAGGAGGAATAATGTTTGAATTTCCAGGCTGCCGGAAGACTACTTCAAAG
 TTCCACCTTAAAGCTCATCTTCGACCCACACAGGGGAGAAGCCTTTTACCTGCAGTGGGACCGCTGT
 GACAAAAGTTTGAAGGTGAGTGAAGTGTCTCGCCACCGCAGAACTCACACTGGAGAGAAGAAGTTTG
 TGTGCTCTGTGTGACCGCGCTTATGAGGAGTGACCACCTGACCAAGCACGCTCGTCGCCACATGAC
 AACAAAGAAGATCCAGGCTGGCAGGCAGAGGTGGGAAGCTGAACAGAATCACCTTAGCAGAGAGCCCC
 AGGAGCATCCTCGAACCTTTGCCGCTCTGGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR204080 representing NM_001037354
 Red=Cloning site Green=Tags(s)

MHSPGSTGPGDARAADIMDICESILERKRHDSERSTCSILEQTDIEAVEALVCMSSWGQRSQVRPLTPVS
 DSGDVTTAVLMDTAAPDLPKDFHSFSTLCITPPQSPPELMEPTGTPVPSQVINSQGCMTALPPSPTGGPR
 TLSKGEPEPSSSESSCRAVMTSVIRHTGESPAPTCFPTGPTQEQPASDSRGGQDPLLDHLEALQDTRLAD
 GLLVTNLVSCQPCLHKSGGLFPIDKGGQTVWPAAVQTCLPKNPESDLRKTTPIISVPVSSPPVLCQMIP
 VAGQNGMLSAFLRPPTQLPAGTIKPILPQAASMSQPVFMGPPVPQGTVMVLVLPQSTFPQPAACPSVMAI
 GNTKLLPLAPAPVFASSQNCAPQVDFSRRRNYVCNFPGRKTYFKSSHLLKAHLRTHTEKPFTCSDWDC
 DKKFARSDDEL SRHRRHTGEEKFVCPVCDRRFMRSDDLTKHARRHMTTKIPGWQAEVGLNRLITLAESP
 RSILEPLPASG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

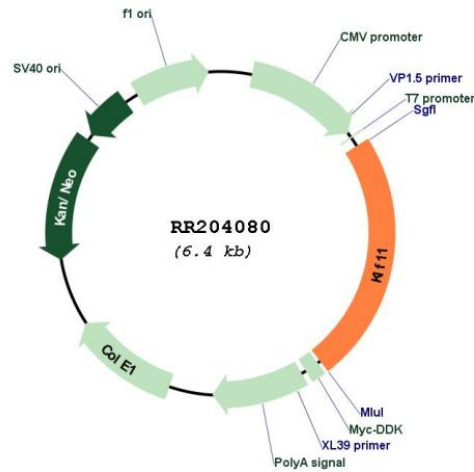
SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:


ACCN: NM_001037354

ORF Size: 1503 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_001037354.1](#), [NP_001032431.1](#)

RefSeq Size: 3825 bp

RefSeq ORF: 1506 bp

Locus ID: 313994

Cytogenetics: 6q16

MW: 54 kDa