

## Product datasheet for MR226931

### Klf1 (NM\_010635) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Klf1 (NM_010635) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Klf1
Synonyms:	Eklf; Nan
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226931 representing NM_010635 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTTCGTGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC  
GCCGGCGGCC

ATGAGGCAGAAGAGAGAGAGAGGAGGCTGAGGTCCAGGGTGGACACCAGCCAGCCATGGCCTCAGCTGAGA  
CTGTCTTACCCTCCATCAGTACACTCACCACCTGGGACAGTTTCTGGACACCCAGGAGGACTTCCTCAA  
GTGGTGGCGGTCTGAGGAGACGCAGGATTTGGGGCCGGGCCCCGAATCCTACGGGGCCGTCCCTTAC  
GTGAGTCTGAAATCGGAGGACCTTCCGGAGAGGACGATGAGAGGGACGTGACCTGTGCGTGGGACCCGG  
ATCTTTTCTTACAACTTCCAGTTCGGAGTCTCCCGGCACTCCCGGACCTATGCCCTGGCGCCAG  
CGTGGGGCCAGTGGCACAGTTCGAGCCGCTGAGTCTCTGGGCGCCTATGCGGGTGGCCAGGGTTGGT  
ACTGGGCTTTGGGCTCCGAGGAGCACACAAGCTGGGCGCACCCGACTCCGAGACCCCGAGCCCTGAAC  
CCTTCGTGGCCCTGCCCTGGCCCCGGGACTCGCTCCAAAGGCTCAGCCCTCATACTCCGACTCGCGAGC  
GGGCTCCGTAGGGGGCTTCTCCCGCGGGCGGGGCTTGGCGTCCCGCAGCTCCAGGCGCCCCATGGG  
CTGCTGTCGGGATACCCCGCGTGTACCCCGGCCACAGTACCAAGGCCACTTCCAGTCTTTTCGGGGC  
TCGCGGCGCTTCTGCTGGTCCCACGGCGCCCCCTTCTTCTGAATTGTCTGGGACCTGGGACTGTGGC  
CACAGAACTCGGGGCACTGCGATCGCCGGAGACGCAGGCTTGTCCCGGGAAGTGGCCGCCAAACGC  
AGCCGGCGAAGTTGGCACCTAAGAGGCAGGCGGCACATACGTGCGGGCACGAAGGCTGCGGGAAGAGCT  
ACACCAAGAGCTCGCACCTCAAGGCGCACCTGCGCACGCACACGGGAGAGAAGCCTTATGCCTGCTCCTG  
GGACGGCTGTGACTGGAGTTTCGCTCGCTCAGACGAACTGACGCGCCACTACCGGAAGCACACTGGACAT  
CGTCCCTTCTGCTGTGGCCTCTGCCACGTGCTTTTTACGCTCTGACCCTTAGCTCTGCACATGAAGC  
GTCACCTC

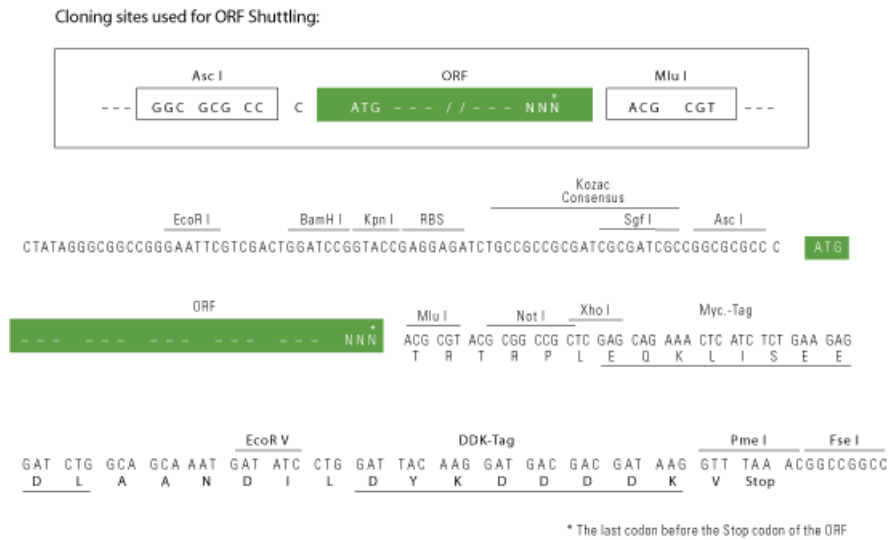
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Restriction Sites:** AscI-MluI

**Cloning Scheme:**



**ACCN:** NM\_010635

**ORF Size:** 1128 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\\_010635.1](#), [NM\\_010635.2](#), [NP\\_034765.2](#)

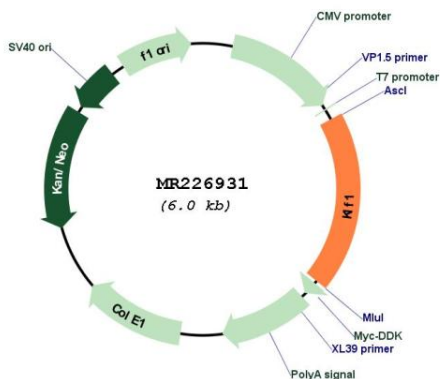
**RefSeq Size:** 1534 bp

**RefSeq ORF:** 1131 bp

**Locus ID:** 16596

Cytogenetics: 8 C3  
 MW: 40.4 kDa

**Product images:**



Circular map for MR226931