

Product datasheet for **RN208645**

Klf1 (NM_001107164) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klf1 (NM_001107164) Rat Untagged Clone
Tag: Tag Free
Symbol: Klf1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN208645 representing NM_001107164
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC**GGCCG**
GCCC

ATGAGGCAGAAGAGAGAGAGAGGAGGCCTGAGGCCAGGGTGGACAGCAGCCAGTCATGGCCTCAGCTGAGA
 CTGTCTTACCCTCCATCAGTACACTCACCACCTGGGACAGTTCTCGACACCCAGGAGGACTTCCTCAA
 GTGGTGGCGGTCTGAGGAGACACAGGATTTGGGCCGGGACCCCGAATCCCACGGAACCGTCCTTTCAC
 GTGAGTCTGAAATCAGAGGACCTCCCGGAGAGGACGATGAGAGGGACGTGACCTGTGCGTGGGATCCGG
 ATCTTTTCTTACAAACTTTTCAGTCCCGAGCCGCCCAGCAGTCCCGGACCTGTGCCCTGGCACCCAG
 CGGGGGCCAGTGGCACAGTTCGCGCCCGCCGAGTCTCTGAGCGCTTATGCGGGTGGCCAGGGTTGGTG
 ACCGGGCCTTTGGGCTCCGAGGAGCAGCAGGCTGGGCGCACCCGACTCCGAGACCCCAACCCCTGAGC
 CCTTCGTGGCCCTGTCTGGCCCGGGACTCGCTCCCAAGGCGCAGCCCGCATTCTCCGAATCGCGAGC
 GGTCTCGGCCGGAGGTTTCTTCCCGGAGCGGGGCTTGGCGTCCCGCAGCTCCAAGCGCCCTATGGG
 CTGCTGTCGGGATACCCCGCCTTACCCGGCCCTCAGTACCAAGGCCATTTCCAGCTCTTTCTGGGC
 TCGCGGCCTTCTGCTGGTCCCACTGCGCCCTTCTTTTGAATTGTCTGGGACCTGGTGGGTGGG
 CACAGAACTCGGGCCACTGCGATCGCCGGAGACGAGGCTTGTCCCAGGAGCTGCGCCGCCAAACGC
 AGCCGGCGAACTCTGGCAGAAAGAGGCGAGGCGCACACCTGCGGGCAGGAAGGATGCGGGAAGAGCT
 ACACCAAGAGCTCGACCTGAAGGCGCACCTGCGCACGCACCCGAGAGAAAGCCTATGCTGCTCCTG
 GGATGGCTGCAACTGGAGTTTCGCTCGCTGACGAACTGACGCGCCACTACCGGAAGCACACTGGACAT
 CGCCCTTCTGCTGTGGCCTCTGCCACGTGCTTCTCACGCTCCGACCACCTAGCTCTTACATGAAGC
 GTCACCTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI



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ACCN:	NM_001107164
Insert Size:	1131 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_001107164.1</u> , <u>NP_001100634.1</u>
RefSeq Size:	1514 bp
RefSeq ORF:	1131 bp
Locus ID:	304666
Cytogenetics:	19q11