

## Product datasheet for **RR206931**

### Flna (NM\_001134599) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Flna (NM\_001134599) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Flna  
**Synonyms:** RGD1560614  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR206931 representing NM\_001134599  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGGATCGCC

ATGAGTAGCTCTCACTCCCGCTCCGGCCAGAGTGCGGCAGGCGCTCTCCGGCAGGCGGTATTGATACAC  
GGGACGCTGAGATGCCGGTACCGAAAAAGACCTAGCAGAAGATGCACCATGGAAGAAGATCCAGCAGAA  
CACATTTACCCGCTGGTGAATGAGCACCTTAAGTGCGTGAGCAAGCGCATCGCCAATCTGCAGACGGAC  
CTGAGCGATGGATTGCGGCTCATCGCGCTGCTTGAGGTAAGTACTCAGCCAGAAGAAGATGCACCGCAAGCACA  
ACCAACGACCCACTTTCCGCCAGATGCAGCTGGAAAATGTGTCTGTGGCGCTGAATTCCTGGACCGTGA  
GAGCATCAAGCTCGTGTCCATAGACAGCAAGGCCATTGTGGATGGGAATCTGAAACTGATCTTAGGACTC  
ATCTGGACCCTGATCCTGCACTACTCCATCTCGATGCCCATGTGGGATGAGGAAGAGGATGAGGAGGCCA  
AGAAGCAAACACCCAAACAGAGGCTTCTAGGCTGGATTCAGAACAAGCTGCCACAGCTGCCCATACCAA  
CTTCAGTCGAGACTGGCAGAGTGCCCGGGCCCTGGGTGCTCTTGTGATAGCTGTGCCCCAGGCCTATGT  
CCTGACTGGGACTCCTGGGATGCTAGTAAGCCTGTGAACAATGCACGGGAAGCCATGCAGCAGGCTGACG  
ACTGGCTGGGCATTCTCAGGTGATTACCCAGAAGAAATGTGGACCCCAACGTAGATGAGCATTCTGT  
TATGACTTACCTGTCTCAGTTTCCCAAGGCCAAACTGAAGCCAGGGCTCCTCTTCGGCCCAAAGTGAAC  
CCAAAGAAAGCCCGAGCCTATGGGCCAGGCATCGAGCCACAGGCAATATGGTGAAGAAGAGAGCAGAAT  
TCACTGTGGAGACCCGAAGTGCAGGACAGGGAGAGGTGCTGGTATATGTGGAGGACCCAGCTGGACACCA  
GGAAGAGGCAAAAAGTACTGCAATAACGACAAGAACCGTACTTTCTCTGTCTGGTATGTCCCTGAAGTA  
ACAGGAACTCATAAGGTGACTGTGCTCTTTGCTGGCCAACATATTGCCAAGAGCCCTTTGAGGTGTATG  
TGGACAAGTCACAGGGTATGCCAGCAAAGTACTGCCAGGGCCCTGGTCTGGAGCCAGCGGCAATAT  
CGCCAACAAGACTACCTACTTTGAGATCTTCACTGCAGGAGCTGGCATAGCGGAGGTGGAAGTTGCATC  
CAGGACCTACAGGACAGAAAGGCACAGTGAACCTCAGCTGGAGGCCAGGGGTGACAGCACCTATCGCT  
GTAGCTATCAGCCTACCATGGAGGGTGTCCATACAGTACATGTCACCTTCGCTGGTGTCCCATCCCTCG  
CAGCCCTACACTGTCACTGTTGGTCAAGCTTGTAAACCAACTGCCTGCCGGGCTGTTGGTAGAGCCCTC  
CAGCCTAAGGGTGTGCGAGTGAAGGAAACAGCTGACTTCAAGGTGTACACAAAAGGCGCTGGCAGTGGGG



AGCTAAAGGTCACTGTAAGGGTCCCAAGGGTGAAGAGCGTGTAAAGCAGAAGGACTTAGGGGATGGTGT  
 GTATGGCTTTGAATATTACCCACAATCCCTGGCACATACACTGTACCATCACATGGGGTGGCCAGAAC  
 ATTTGGCCGAGTCCGTTGAGGTGAAGGTAGGCACTGAGTGTGGCAATCAGAAGTTTCGGGCATGGGGTC  
 CTGGTCTGGAAGGTGGCATTGTTGGCAAGTCAAGGACTTCGTAGTAGAGGCCATTGGTGATGATGTGGG  
 CACCTTGGGTTTCTCTGTGGAAGGTCCATCACAGGCAAAGATTGAATGTGACGACAAGGGTGTGGCTCT  
 TGTGATGTGCGCTATTGGCCCCAGGAGGCTGGCGAGTATGCTGTTTCATGTGCTATGTAACAGTGAGGATA  
 TCCGGCTCAGTCCCTTCATGGCTGACATCCGTGAGGCACCTCAGGATTTTCACCCAGCCGGGTGAAGGC  
 AGGTGGGCTGGATTGGAGAAGACTGGTGTAGCTATCAACAAGCCAGCAGAGTTTACAGTTGATGCCAAG  
 CATGCTGGGAAGGCCCTCTTCGAGTTCAGTTCAAGGACACTCTGTGGAGACAACAGTCA  
 AGGACAATGGCAATGGTACTTACAGCTGTTCTTATGTGCCCAGAAAGCCAGTGAAGCACACAGCCATGGT  
 TTCTTGGGAGGTGTCAGCATCCCCAATAGTCCTTTCGGGTGAATGTGGGAGCTGGCAGCCACCCAAAC  
 AAAGTCAAGGTGTATGGTCCAGGAGTGGCAAGACTGGGCTCAAGGCCATGAACCTACCTACTTTACTG  
 TGGATTGACTGAGGCGGGCCAGGGAGATGTCAGCATTGGTATCAAGTGTGCCCTGGAGTAGTGGGCC  
 CACTGAGGCTGATATTGACTTTGATATCATCCGTAAAGTGAAGGCTGAGGGTCTGGCCTAAATCGCACTGGTGT  
 TCAAAGTGGAGCCTTCTCATGATGCCAGTAAAGTGAAGGCTGAGGGTCTGGCCTAAATCGCACTGGTGT  
 TGAGCTTGGCAAACCCACCCATTTACAGTCAATGCTAAAAGTGTGGGAAAGGCAAGCTGGATGTTTCAG  
 TTCTCAGGACTGGCTAAGGGAGATGCAAGTGCAGATGTGGACATCATTGACCACCATGATAATACCTACA  
 CCGTAAAGTATACTCCTGTGCAGCAGGGCCAGTAGGTGTGAGTGCCTTATGGAGGAGATCACATACC  
 CAAGAGTCCATTTTCAGTGGGAGTATCTCAAGCCTGGATCTCAGCAAGATTAAGGTGTCTGGCCTTGT  
 GACAAAGTGGATGTTGGCAAAGTCAAGAGTTCACAGTAAAGTCAAAGGGTGCAGGTGGTCAAGGCAAAG  
 TAGCATCAAGATTGTGAGTCCCTCAGGTGCAGCAGTCCCTGCAAGGTAGAGCCAGGCCCTGGGAGCTGA  
 CAACAGTGTGGTCCGTTTGTGCCCGTGAAGAGGGGCCCTTATGAGGTGGAAGTACCTATGATGGTGTG  
 CCTGTACCTGGCAGTCCCTTCCAGTAGAAGCTGTGGCTCCTACCAAACCCAGCAAGGTGAAGGCATTTG  
 GACCAGGGCTGCAGGGGGCAATGCAGGCTCCCTGCCCGCTTACCATTGATACAAAGGGAGCTGGCAC  
 TGGTGGCCTGGGCTGACAGTGAAGGCCCTGTGAAGCACAGCTTGAAGTGCCTGGACAATGGGACGGT  
 ACATGCTCTGTGCTTATGTGCCACTGAGCCTGGGGACTACAACATCAACATCCTTTTTGCTGACACCC  
 ACATTCCTGGATCCCATTTCAAGGCCATGTGGTTCCTTGTGTTTGTGATGCATCCAAGGTGAAGTGTCTCAGG  
 CCCTGGGCTGGAGCGGGCTACTGCTGGTGAAGTGGGAGTTCAGTGCCTCAAGTGCCTGAGTGTGGCAGT  
 GCCGAGTTGACGATTGAGATCTGCTCTGAGGCAGGACTGCCAGTGAAGTATACATTGAGGACCATGGT  
 ATGGCACACACACCATTACCTATATTCCTTTTGTCTGGGCTTACACTGTTACCATCAAGTATGGTGG  
 CCAGCCTGTGCCAACTTCCCCAGCAAGTACAGGTGGAGCCTGTGTAGATACCTCAGGCGTACAGTGC  
 TATGGGCCTGGGATTGAAGGTCAAGGTGTCTCCGAGAGGCAACCACTGAGTTTCAAGTGTAGATGCCCGGG  
 CTCTTACACAGACTGGAGGGCCACATGTCAAGGCCGTGTGGCAACCCCTCAGGCAATCTGACAGATAC  
 CTATGTGCAAGACTGTGGTGTGGCACATACAAAGTGAATATACTCCATATGAGGAAGGAGTACTCTCC  
 GTGGATGTGACTTATGATGGCAGCCCTGTACCCAGCAGCCCTTCCAGGTGCCTGTAACAGAGGGCTGTG  
 ACCCTCCCGGGTGCCTGTCCATGGGCCAGGCATCAAAGTGGTACCACCAACAACCAACAAGTTCAC  
 AGTAGAGACTAGGGGAGCTGGCACAGGTGGCCTGGGCTGGCTGTTGAGGGTCCCTCAGAGGCCAAGATG  
 TCTTGTATGGATAATAAAGATGGCAGTCTCGGTAGAATACATCCCCTATGAAGCTGGAACCTATAGCC  
 TTAACGTCACTTATGGTGGTACCAAGTGCAGGTAGCCCTTCAAGTTTCTGTACATGATGTGACAGA  
 TGATCTAAAGTCAAGTGTCTGGACCTGGCTTAAAGCCAGGCATGGTCCGTGCCAACCTCCCTCAGTCC  
 TTTCAGGTAGACACAAGCAAAGCCGGAGTTGCCCACTGCAGGTCAAAGTACAGGGGCCAAAGGCTGG  
 TGGAGCCAGTGGATGTAGTGGACAATGCTGATGGTACTCAGACTGTCAACTATGTGCCAGCCGAGAAGG  
 GTCCTATAGCATTCTGTGCTGTATGGTGAAGAAGAAGTGCACGGAGCCCTTCAAGGTCAAGGTGCTG  
 CCCACGCATGATGCCAGTAAAGTGAAGGCCAGTGGACCTGGACTCAACACCAGTGGTGTGCCTGCCAGCC  
 TGCTGTGGAGTTCACCATTTGATGCCAAGGATGCTGGGGAGGGTCTGTTGGCTGTCCAGATTACGGACCC  
 TGAAGGCAAGCCCAAGAAGACACACATCCAAGATAATCATGATGGCACATACACAGTGGCCTATGTGCCA  
 GATGTGACAGGCCGGTACACAATCCTCATCAAGTATGGTGGTGTGAGATCCCCTTTTCCCATACCGTG  
 TCCGGGCTGTGCCCACTGGGGATGCCAGCAAGTGCACAGTGCAGGTGCTGGCATTGGCCCCACCATCCA  
 GATTGGAGAGGAGACAGTGAATGCTGGACACAAAAGCAGCAGGCAAAGGCAAAGTGAATGTCACAGTGT  
 TGCACACCTGATGGCTCAGAGGTAGATGTGGACGTGGTGGAGAATGAGGATGGCACCTTTGACATCTTCT  
 ACACAGCCCCGCAACCGGGCAAATATGTCATCTGTGTGCGCTTCGGTGGCGAGCATGTGCCAACAGCCC

CTTCCAAGTTACAGCTTTAGCTGGGGACCAACCAACAGTGCAGACCCCATTAAGGCCTCAGCAGCTGCCT  
TCACAGTATACCTATCCTCAGGGTAGCCAGCAAACATGGATTCCAGAGAGGCCATGGTGGGCGTTAATG  
GGCTGGATGTGACCAGCCTGAGGCCCTTTGATCTTGTCAATCCCCTTCACTATCAAGAAGGGTGAGATCAC  
TGGGAAGTTCGAATGCCCTCTGGCAAGGTGGCCAGCCTTCCATCACTGACAACAAAGATGGCACTGTT  
ACTGTGCGTTACTCACCCAGTGAAGCTGGCCTGCATGAAATGGACATTCGCTATGACAATATGCATATCC  
CAGGAAGCCCTCTGCAGTCTATGTTGATTATGTCAACTGTGGTCACTCACTGCCTATGGTCTGGCCT  
TACCCATGGAGTGGTCAACAAACCTGCCACCTTCACTGTCAACACCAAGGATGCAGGAGAAGGGGCTTG  
TCTCTGGCCATTGAGGGTCCATCTAAAGCAGAAATCAGCTGCAGTGCACACCAAGGATGGGACATGCAGTG  
TCTCTTACCTGCCTGTGCTGCCTGGTACTACAGCATCCTAGTCAAGTACAATGACCAGCACATCCCAGG  
CAGCCCCTTCACTGCCAGAGTAACAGGTGATGATTCCATGCGTATGTCCCACCTAAAGGTGGGTTCTGCT  
GCTGATATCCCCATCAACATCTCAGAAACAGACCTCAGCCTACTCACAGCCACTGTGGTCCACCTTCAG  
GTCGAGAGGAACCCTGTCTGCTGAAACGGTTGCGTAATGGCCACGTGGGATTTCTTCTGTCACCAAGGA  
GACAGGGGAGCACCTGGTACACGTGAAGAAGAATGGCCAGCATGTGGCAAGCAGTCCCATCCCAGTAGTG  
ATCAGCCAGTCGGAGATAGGTGATGCCAGCCGTGAAGGGTCTCTGGTCAAGGCCTCCATGAAGGCCATA  
CCTTTGAGCCTGCAGAGTTTATTATTGACACCAGAGATGCAGGCTATGGTGGGCTCAGTCTGTCCATTGA  
GGGCCCTAGCAAAGTAGACATCAACACAGAGGACCTGGAGGACGGCACATGCAGGGTCACCTACTGTCCC  
ACAGAGCCTGGAAACTACATTATAAACATCAAATTTGCTGACCAACATGTGCCTGGCAGTCCTTTTCTG  
TGAAGGTGACAGGTGAGGGCCGGTAAAAGAGAGTATCACACGCAGGCGACGTGCCCTTCTGTGGCCAA  
TGTTGGCAGTCATTGTGACCTCAGCTTGAAGATTCTGAAATTAGCATCCAAGATATGACAGCCAGGTG  
ACCAGCCCATCAGGCAAGACCCATGAGGCGAGAGATTGTAGAAGGAGAGAACCATACTTACTGTATCCGAT  
TTGTGCTGTGAGATGGGGATGCATACAGTCAAGTACAAGGGCCAGCATGTACCTGGGAGCCC  
CTTCCAGTTCAGTGTGGACCTCTGGGGAAAGGGGTGCTCACAAGTCCGTGCTGGAGGCCCTGGCCTA  
GAGAGGGCTGAAGCTGGAGTACCAGCGGAGTTCGGCATTGGACTAGGGAAGCTGGCCTGGAGGCCCTGG  
CCATTGCTGTTGAAGGCCCTAGCAAGGCTGAGATCTTTTTGAGGACCGAAAGGATGGCTCTTGTGGTGT  
GGCCTACGTAGTTCAGGAGCCAGGTGACTATGAGGTCTCAGTCAAGTTC AACGAGGAACACATACCTGAT  
AGCCCCTTCTGTTGCTGTGGCTTCTCCGTCTGGTGACGCCCGCCCTTACTGTTTCTAGTCTTCAGG  
AGTCAGGGTTAAAGGTCAACCAGCCAGCATCTTTTGCAGTCAGCCTGAATGGAGCCAAAGGGCAATTGA  
TGCCAAGGTGCATAGCCCTCAGGAGCTCTGGAGGAGTGCATGTACAGAGATTGACCAAGATAAGTAT  
GCTGTGCGTTTCCATCCCACGAGAGAATGGCGTCTACTTGATCGATGTCAAGTTCAATGGTACTCACATCC  
CTGGAAGTCCCTCAAGATTCGAGTTGGGAGCCTGGTGCATGGAGGGGACCCAGGCTTAGTATCCGCCTA  
TGGAGCAGGCCTGGAAGTGGTGTACAGGGAGCCAGCTGAGTTTATTGTGAACACAAGCAATGCAGGA  
GCTGGTGCCTTTTCGTTACCATTGATGGCCCCTCCAAGTGAAGATGGATTGCCAGGAGTGCCTGAGG  
GCTACCGTGTACCTATACCCCATGGCACCTGGCAGCTACCTCATCTCCATCAAGTATGGTGGCCCTTA  
TCACATTGGGGGAAGCCCTTCAAAGCCAAGGTACAGGTCCCGTCTTGTAGCAACCACAGCCTCCAT  
GAGACATCATCTGTGTTGTGGACTCTCTGACTAAAGTTGCTACTGTTCCCCAGCATGCAACCTCAGGCC  
CAGGTCCTGTGATGTGACGAAGGTAGTAGCAAAGGCCTGGGGCTAAGCAAAGCTTATGTAGGCCAGAA  
GAGCAACTCACAGTAGATTGCAGCAAAGCAGGTAACAACATGTTGCTGGTGGGCGTGCATGGCCCAAGG  
ACACCTGTGAAGAGATCCTGGTGAACACATGGGCAGTCGCCTCTATAGTGTCTCTACCTGCTCAAAG  
ACAAAGGGGAATACACATTGGTGGTCAAGTGGGGTATGAGCATATCCCAGGCAGCCCATACCGCATTAT  
GGTGCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR206931 representing NM\_001134599  
 Red=Cloning site Green=Tags(s)

MSSSHSRSGQSAAGASPAGGIDTRDAEMPATEKDLAEDAPWKKIQNTFTRWCNEHLKCVSKRIANLQTD  
 LSDGLRLIALLEVL SQQKMHRKHNRPTFRMQLENVVALEFLDRESIKLVSIDSKAIVDGNLKLILGL  
 IWTLILHYSISMPMWDEEEDEEAKKQTPKQRLLGWIQNKLPQLPITNFSRDWQSGRALGALVDSAPGLC  
 PDWDSWDASKPVNNAREAMQQADDWLGIPQVITPEEIVDPNVDEHSMVTYL SQFPKAKLKPAPLRPKLN  
 PKKARAYGPGIEPTGNMVKKRAEFTVETRSAGQGEVLVYVEDPAGHQEEAKVTANNDKNRTFSVWYVPEV  
 TGTHKVTVLFAGQHI AKSPFEVYVDKSSQGDASKVTAQGGPLEPSGNIANKTTYFEIFTAGAGIGEVEVVI  
 QDPTGQKGTVEPQLEARGDSTYRCSYQPTMEGVHTVHVTFAGVPIPRSPYTVTVGQACNPTACRAVGRGL  
 QPKGVRVKETADFKVYTKGAGSGELKVTVKGPKGEERVKQKDLGDGVYGFEEYPTIPGTYTVTITWGGQN  
 IGRSPFEVKVGTCEGNQVRAWGPGLEGGIVGKSADFVVEAIGDDVGTGFGFVVEGSPQAKIECDDKGDGS  
 CDVRYWPQAGEYAVHVL CNSIEDIRLSPFMADIREAPQDFHPDRVKARGPGLKTVAVINKPAEFTVDAK  
 HAGKAPLRVQVDNEGHSVETTVKDNNGTYSCSYVPRKPVKHTAMVSWGVSIPNSPFRVNVGAGSHPN  
 KVKVYGPVAKTGLKAHEPTYFTVDCTEAGQGDVSIKICAPGVVGPTEADIDFDIIRNDNDTFTVKYTP  
 CGAGSYTIMVLFADQATPTSPIRVKVEPSHDASKVKAEGPGLNRTGVELGKPTHTVNAKTAGKGLDVG  
 FSLGAKGDAVRDVIDIDHHDNTYTVKYTPVQQGPVGVSVTYGGDHIPKSPFSVGVSPSLDL SKIKVSGLV  
 DKVDVKGDKQEFVTKSKGAGGQGVASKIVSPSGAAVPCVPEPGLGADNSVRFVPREEGPYEVEVTDGV  
 PVPGPSFPVEAVPTKPSKVKAFGPGGLQGGNAGSPARFTIDTKGAGTGGLGLTVEGPCEAQLCELDNGDG  
 TCSVSYVPTPEGDYINILFADTHIPGSPFKAHVVPFCFASKVKCSGGLERATAGEVGFQVDCSSAGS  
 AELTIEICSEAGLPAEVIYQDHGDGHTITYIPLCPGAYTVTIKYGQPVNFPKSLQVEPAVDTSGVQC  
 YGPGIEGQGVFREATTEFSVDARALTQTGGPHVKARVANPSGNL TDTYVQDCGDGTYKVEYTPYEEGVHS  
 VDVTYDGPVSPSPFQVPVTEGCDPSRVRVHGPGIQSGTTNKNPKFTVETRGAGTGGLGLAVEGPSEAKM  
 SCMDNKGSCSVEYIPYEAGTYSLNVTYGGHQPVGSPFKVPVHDVTDASKVKCSGGLSPGMVRANLPQS  
 FQVDTSKAGVAPLQVKVQPKGLVEPVDVVDNADGTQTVNYVPSREGSYSISVL YGEEVPRSPFKVKVL  
 PTHDASKVKASGPGLNNTGVPASLPVEFTIDAKDAGEGLLAVQITDPEGKPKKTHIQDNHDGTYTVAYVP  
 DVTGRYILIKYGGDEIPFSPYRVRAVPTGDASKCTVTGAGIGPTIQIGEETVITVDTKAAGKGVCTCTV  
 CTPDGSEVDVVDVENEDGTFDIFYTAPQPGKYVICVRFGGHEVPNSPFQV TALAGDQPTVQTPLRPQQLP  
 SQYTYPQGSQQTWIPERPMGVNGLDVTSLRPFDLVIPFTIKKGEITGEVRMPGKVAQPSITDNKDGTV  
 TVRYSPEAGLHEMDIRYDNMHIPGSPLQFYVDYVNCGHITAYGPGLTHGVVNKPATFTVNTKDAGEGGL  
 SLAIEGPKAEISCTDNQDGTCSVSYLPVLPGDYSILVKYNDQHIPGSPFTARVTGDDSMRMSHLKVGSA  
 ADIPINISSETDLLTATVVPPSGREEPCLLKRLRNGHVGISFVPKETGEHLVHVKNQGHVASSPFPVV  
 ISQSEIGDASRVRVSGQGLHEGHTFEPAEFIIDTRDAGYGGLSLSIEGPKVDINTEDLEDGTCRVTYCP  
 TEPGNYIINIKFADQHVPGSPFSVKVTGEGRVKESITRRRRAPSVANVGSCHDL SLKIPEISIQDMAQV  
 TSPSGKTHEAEIVEGENHTYCI R FVPAEMGMHTVSVKYKQHVPGSPFQFTVGPLGEGGAHKVRAGGPG  
 ERAEAGVPAEFGIWTREAGAGGLAIAVEGPKAEISFEDRDKDGS CGVAVVYVQEPGDYEVSVKFNHEHIPD  
 SPFVVPVAVSPGDARRLTVSSLQESGLKVNQASFAVSLNGAKGAIDAKVHSPSGALEECYVTEIDQDKY  
 AVRFIPRENGVYLIDVKFNHGHIPGSPFKIRVGEPEGHGGDPGLVSAYGAGLEGGVTGSPAEIFVNTSNAG  
 AGALSVTIDGPKVKMDCQCEPEGYRVTYTPMAPGSYLISIKYGGPYHIGGSPFKAKVTGPRLVSNHSLH  
 ETSSVFDVSLTKVATVPQHATSGPGPADVSKVAKGLGLSKAYVGQKSNFTVDCSKAGNMMLLVGVHGP  
 TPCEEILVKHMSRLLYSVYLLKDKGEYTLVVKWGDEHIPGSPYRIMVP

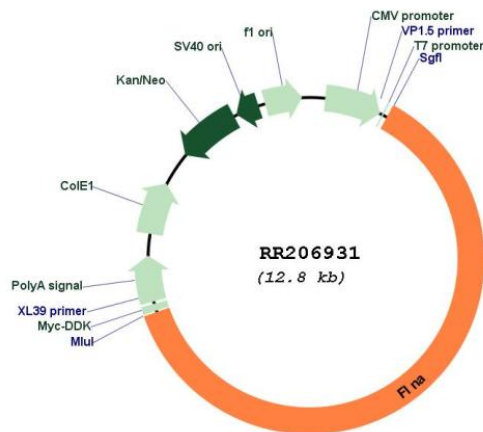
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001134599

**ORF Size:** 7917 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\\_001134599.1](#), [NP\\_001128071.1](#)

**RefSeq Size:** 8412 bp

**RefSeq ORF:** 7920 bp

**Locus ID:** 293860

**Cytogenetics:** Xq37

**MW:** 280.5 kDa