

Product datasheet for MR212717

Rd3l (NM_001127685) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rd3l (NM_001127685) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rd3l
Synonyms: A930011N13
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR212717 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCACTTTTTAGCTGGGTGAAATGGCCAAGAAATTATTCCTACAAACAAACACGCTACGCTGGCTCTG
 AGGTAGTGACAAAGACTCTGCTTCGGGAGTTAAAATGGCATTGAAGGAGCGGAGAGATTAATACATGA
 GATCGAAAATGAACAGAAAGTAAAAAGACAGGCGTGGACTACAACCTGGCTGAGAAGTTACCAGACTTCT
 CACACAATGATCCAGCTACCGAACAAAGACAACCTGGAAGTTCTGTGCTCACAAGTACAACCTTGCAAG
 CTGGAACCGTTCTCAGCAGATTTAGAGAACTTTTGGCAGAAAACGATGTACTTCCCTGGGAAATTGTCTA
 CATCTTCAAGCAAGTTCTGAAAGACTTTCTCAGCAGTCCCTGCCAGAGGGGTACCATGCTGGCCTATGG
 GACTCTGACATCACCGGTCCCCCTACCCCTGCGCTCCCAGGTGAAAGCTCTGAGAGGCCAGACAAAGAGG
 AGATACCCACGATTTCAAGCTATGTAGACAAACATGCCAAGAACAGGTTTCCCCCTGTTACACAGAGT
 ATGGAACCTGCCATACTATTACCACCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR212717 protein sequence
 Red=Cloning site Green=Tags(s)

MPLFSWVKWPRNYSYKQTRYAGSEVVTKLLRELKWHLKERERLIHEIENEQVKVKTGVVDYNWLRYSYQTS
 HTMIPATEQRQLEVLCSQVQPCQAGTVLSRFRELLAENDVLPWEIVYIFKQVLKDFLSSPARGHHAGLW
 DSDITGPPTPALPGESSERPDKEEIPITISSYVDKHAKNRFPPCSHRVWNLPPYYPPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001127685

ORF Size: 594 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_001127685.1](#), [NP_001121157.1](#)

RefSeq Size: 761 bp

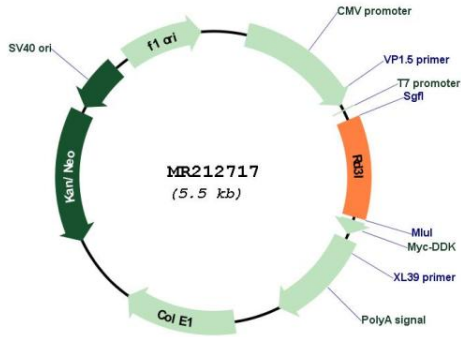
RefSeq ORF: 594 bp

Locus ID: 217874

Cytogenetics: 12 F1

MW: 23 kDa

Product images:



Circular map for MR212717