

Product datasheet for MR216716

Cdv3 (NM_175565) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdv3 (NM_175565) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Cdv3
Synonyms: 2510010F10Rik; C79446; C230084J24Rik; TPP36
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR216716 representing NM_175565
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGAGACCGAGGAGCGGAGCCTGGACAACCTCTTCGCCAAGAGGGACAAGAAGAAGAAGGAAC
GGAGCAGTCGCGCGGCCAACCGCGGAGCGCGCGGGCGGGAGCAGCGCGCGCGGGCTCCAGGCCGGG
CGATGGCGGGAGCCTGGGCTCCGGTGCCAGGTCGGGCGACGGCGGGAGCTTGGGCTCCGGCTCCAGGTCC
GGCAGCGCGGGAGCTCGGGCTCTGGTGTAGGTCGGGAGACGGCGGGAGCTCGAGGTCGGAGACGGCC
GGAGCGCGGGCCCGCCGCAAGGCCATAACGAAGGATGAAAATGAGTGGAAAGAATTTAGCAAAGAGA
GGTTGATTACAGCGGATTAAGAGTTCAGGCAATGCAAATAAGTAAAAGGAAGATGATGATAATGAGAAG
AGAGAAGATCCAGGAGATAATTGGGAAGAAGGTGGAGGTGGCAGTGGAGCAGAAAAATCTTCAGGTCCTT
GGAATAAAACCGCTCCGGTACAAGCGCCTCCTGTCCAGTAAACAGTTACAGAAAACCCGGAGCCAGCAAT
GCCCAGTGGTGTATACAGGCCTCCTGGGCAAGGCTAACCACAACAAGGAAAACGCCACAAGGACCACCA
GAAATATACAGTGACACGCAGTCCCATCCCTGCAGTCCACTGCCAAGCATGTAGAGAGCCGGAACAGGT
ACTTAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR216716 representing NM_175565
 Red=Cloning site Green=Tags(s)

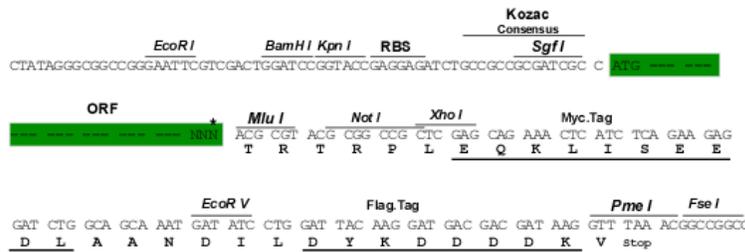
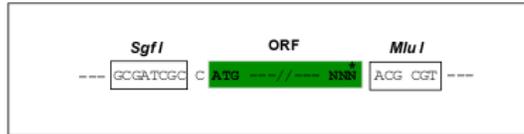
MAETEERSLDNFFAKRDKKKKKERSRAANAASGAGGSSAAAGSRPGDGGSLGSGARSGDGGSLGSGSRS
 GDGSSSGSGARSGDGGSSRSGDGGSSAGPAGKAITKDENEWKEFEQREVDYSGLRVQAMQISEKEDDDNEK
 REDPGDNWEEGGGGSGAEKSSGPWNKTAPVQAPPAPVTVTETPEPAMP SGVYRPPGARLTTTRKTPQGGP
 EIYSDTQFPSLQSTAKHVESRNRYLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_175565

ORF Size: 708 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_175565.3](#), [NP_780774.1](#)

RefSeq Size: 4051 bp

RefSeq ORF: 711 bp

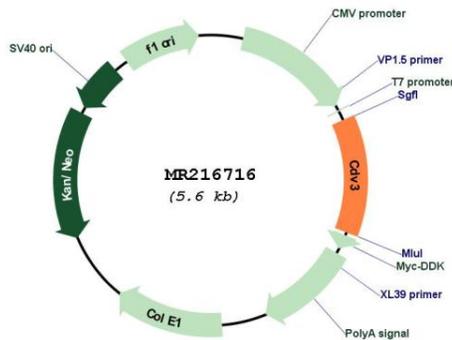
Locus ID: 321022

UniProt ID: [Q4VAA2](#)

Cytogenetics: 9 F1

MW: 24.8 kDa

Product images:



Circular map for MR216716