

Product datasheet for MR203811

Cdv3 (NM_175833) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cdv3 (NM_175833) 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: >MR203811 representing NM_175833
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGAGACCGAGGAGCGGAGCCTGGACAACCTCTTCGCCAAGAGGGACAAGAAGAAGAAGGAAC
 GGAGCAGTCGCGCGGCCAACCGCGGAGCGCGCGGGCGGGAGCAGCGCGCGCGGGCTCCAGGCCGG
 CGATGGCGGGAGCCTGGGCTCCGGTGCCAGGTCGGGCGACGGCGGGAGCTTGGGCTCCGGCTCCAGGTCC
 GCGACGGCGGGAGCTCGGGCTCTGGTGTAGGTCGGGAGACGGCGGGAGCTCGAGTCCGGAGACGGCC
 GGAGCGCGGGCCCGCCGCAAGGCCATAACGAAGGATGAAAATGAGTGGAAAGAATTTAGCAAAGAGA
 GGTGATTACAGCGGATTAAGAGTTCAGGCAATGCAAATAAGTAAAAGGAAGATGATGATAATGAGAAG
 AGAGAAGATCCAGGAGATAATTGGGAAGAAGGTGGAGGTGGCAGTGGAGCAGAAAAATCTTCAGGTCCCT
 GGAATAAAACCGCTCCGGTACAAGCGCCTCCTGCTCCAGTAAACAGTTACAGAAACCCCGAGCCAGCAAT
 GCCCAGTGGTGTATACAGGCCTCCTGGGCAAGGCTAACCACAACAAGGAAAACGCCACAAGGACCACCA
 GAAATATACAGTGACACGCAGTCCCATCCCTGCAGTCCACTGCCAAGCATGTAGAGACCGGAAGGATA
 AAGAAATGGAGAAGAGCTTTGAAGTAGTAAGACACAAAAATAGAGATAGGGAGGAGGTTTCAAAAAACCA
 GGCCCTTAAACTTCAGCTAGACAACCAAGTATGCTGTGCTTGAGAAATCAGAAAGTACAGCCACACACAGTAC
 AGC

ACGCGTACGCGGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR203811 representing NM_175833
Red=Cloning site Green=Tags(s)

MAETEERSLDNFFAKRDKKKKKERSRAANAASGAGGSSAAAGSRPGDGGSLGSGARSGDGGSLGSGSRS
 GDGSSSGSGARSGDGGSSRSGDGGSGAPAGKAITKDENEWKEFEQREVDYSGLRVQAMQISEKEDDDNEK
 REDPGDNWEEGGGGSGAEKSSGPWNKTAPVQAPPAPVTETPEPAMPSPGVYRPPGARLTTTRKTPQGGP
 EIYSDTQFPSLQSTAKHVESRKDKEMEKSFVVRHKNRDREEVSKNQALKQLQLDNQYAVLENQKYSHTQY
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_175833

ORF Size: 843 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_175833.2](#), [NP_787027.1](#)

RefSeq Size: 3335 bp

RefSeq ORF: 846 bp

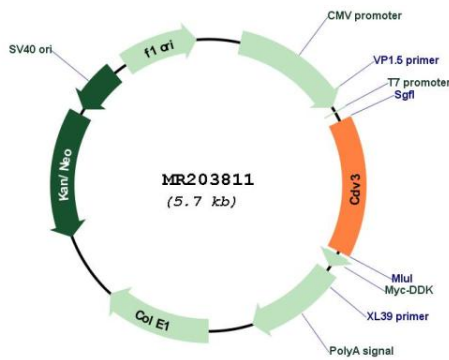
Locus ID: 321022

UniProt ID: [Q4VAA2](#)

Cytogenetics: 9 F1

MW: 30.2 kDa

Product images:



Circular map for MR203811