

## Product datasheet for MR203813

### 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:	>MR203813 representing NM_175833 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCCGAGACCGAGGAGCGGAGCCTGGACAACCTCTTCGCCAAGAGGGACAAGAAGAAGAAGGAAC  
GGAGCAGTCGCGCGGCCAACCGCGGAGCGCGCGGGCGGGAGCAGCGCGCGCGGGCTCCAGGCCGG  
CGATGGCGGGAGCCTGGGCTCCGGTGCCAGGTCGGGCGACGGCGGGAGCTTGGGCTCCGGCTCCAGGTCC  
GGCAGCGCGGGAGCTCGGGCTCTGGTGTAGGTCGGGAGACGGCGGGAGCTCGAGGTCGGAGACGGCC  
GGAGCGCGGGCCCGCCGCAAGGCCATAACGAAGGATGAAAATGAGTGGAAAGAATTTAGCAAAGAGA  
GGTTGATTACAGCGGATTAAGAGTTCAGGCAATGCAAATAAGTAAAAGGAAGATGATGATAATGAGAAG  
AGAGAAGATCCAGGAGATAATTGGGAAGAAGGTGGAGGTGGCAGTGGAGCAGAAAAATCTTCAGGTCCT  
GGAATAAAACCGCTCCGGTACAAGCGCCTCCTGCTCCAGTAACAGTTACAGAAACCCCGAGCCAGCAAT  
GCCCAGTGGTGTATACAGGCCTCCTGGGCAAGGCTAACCACAACAAGGAAAACGCCACAAGGACCACCA  
GAAATATACAGTGACACGCAGTTCATCCCTGCAGTCCACTGCCAAGCATGTAGAGACCGGAAGGATA  
AAGAAATGGAGAAGAGCTTTGAAGTAGTAAGACACAAAAATAGAGATAGGGAGGAGGTTTCAAAAAACCA  
GGCCCTTAAACTTCAGCTAGACAACCAAGTATGCTGTGCTTGAGAATCAGAAGTACAGCCACACACAGTAC  
AGC

**ACGCGT**ACGCGGCGCCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR203813 representing NM\_175833  
Red=Cloning site Green=Tags(s)

MAETEERSLDNFFAKRDKKKKKERSRAANAASGAGGSSAAAGSRPGDGGSLGSGARSGDGGSLGSGSRS  
 GDGSSSGSARSGDGGSSRSGDGGSGAPGAKAITKDENEWKEFEQREVDYSGLRVQAMQISEKEDDDNEK  
 REDPGDNWEEGGGGSGAEKSSGPWNKTAPVQAPPAPVTVTETPEPAMP SGVYRPPGARLTTTRKTPQGP  
 EIYSDTQFPSLQSTAKHVESRKDKEMEKSFVVRHKNRDREEVSKNQALKQLLDNQYAVLENQKYSHTQY  
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9093\\_b03.zip](https://cdn.origene.com/chromatograms/mm9093_b03.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**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

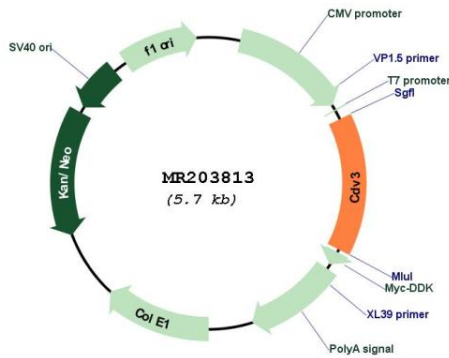
**Locus ID:** 321022

**UniProt ID:** [Q4VAA2](#)

**Cytogenetics:** 9 F1

**MW:** 29.7 kDa

**Product images:**



Circular map for MR203813