

## Product datasheet for **MR207078**

### **Cds2 (NM\_138651) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cds2 (NM_138651) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Cds2
Synonyms:	5730450N06Rik; 5730460C18Rik; AI854580; D2Wsu127e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR207078 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCGAACTACGGCAGAGGGTTGTCCGCGAGGACGCACCTCCGGAGGACAAGGAATCAGAGTCCGAAG  
 CAAAGCTAGATGGAGAGACAGCGTCTGACAGCGAGAGCCGAGCGAAACAGCTCCCCTACCAACCTCCGT  
 AGATGACACCCCAGAGGTCCTTAACAGGGCCCTTTCCAACCTGTCTCAAGGTGGAAGAAGTGGTGGGTG  
 AGAGGCATCCTGACTTTGGCCATGATCGCGTTTTTCTTCATTATCATTTACCTGGGACCAATGGTTTTGA  
 TGATGATTGTTATGTGTGTCCAGATTAAGTGTTCATGAAATAACTACTATTGGCTACAATGTATACCA  
 CTCCTACGACCTGCCCTGGTTCAGGACCCTCAGCTGGTACTTCTGTGTGTGAACTACTTCTCTAT  
 GGGGAGACAGTGACGGACTACTTCTTCACTCTGGTCCAGAGAGAGGAGCCTTTGCGGATCCTCAGTAAAT  
 ACCACCGGTTTCATCTCTTTGCCCTGTATCTGACAGGATTCTGCATGTTTGTACTGAGTCTAGTTAAGAA  
 GCATTATCGGCTGCAGTTCTACATGTTTGGCTGGACCCATGTGACCTTGCTTATTGTCGTAACGCAGTCA  
 CACCTTGTATCCATAACTTGTTTGAAGGAATGATATGGTTTATTGTTCCCATCTCGTGCCTCATCTGCA  
 ATGACATTATGGCCTATATGTTTGGCTTTTTCTTTGGTCCGACCCCACTCATTAAGCTCTCTCCAAGAA  
 GACCTGGGAAGGCTTCATTGGGGCTTCTTTGCCACTGTGGTGTGGCCTTTTGCTCTCTATGTGATG  
 TCTGGGTACAGATGCTTCGTGTGTCCCGTGGAAATAACAATGACACCAACAGCTTCACTGTGGACTGTG  
 AGCCGTGACCTATCCGCCTGCAGGAGTACAACATCCCTGGGGTATCCAGTCCGCCATTGGCTGGAA  
 AACGGTGAGGATGACCTTTCCAGATCCACAGCATCGCCCTCTCACCTTCGCCTCGCTCATCGGCCCT  
 TTCGGAGGGTCTTCGCCAGTGGATTCAAACGGGCCTTTAAAATCAAAGATTTTGCCAATACCATTCCCG  
 GTCATGGAGGCATCATGGATCGCTTTGACTGCCAGTACCTGATGGCCACCTTTGTCAATGTGTACATCGC  
 CAGCTTTATCAGGGTCCAAACCAAGCAAAGTATCCAGCAGTTTCTGACGTTGCGGCCAGATCAGCAG  
 CTTACATCTTCAACACGCTCAAGTCTCACCTAACTGACAAGGGGATTCTGACATCTGCCTTGAAGATG  
 AG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207078 protein sequence  
 Red=Cloning site Green=Tags(s)

MTELQRVREDAPPEDKESESEAKLDGETASDESRAETAPLPTSVDDTPEVLNRLSNLSSRWKNWW  
 RGILTLAMIAFFFIILYLGPMVLMIMVCVQIKCFHEIITIGYNYHSYDLPWFRFLSWYFLLCVNYFFY  
 GETVTDYFFTLVQREPLRILSKYHRFISFALYLTGFVSLVKKHYRLQFYMFGWTHVTLIVVTQS  
 HLVIHNLFEGMIWFIVPISCVICNDIMAYMFGFFGRTPLIKLSPKKTWEGFIGGFFATVVFGLLSYVM  
 SGYRCFVCPVEYNNDNSFTVDCEPSDLFRLQEYNIQSAIGWKTVMYYPFQIHSIALSTFASLIGP  
 FGGFFASGFKRAFKIKDFANTIPGHGGIMDRFDCQYLMATFVNVIYASFIRGNPNSKLIQQFLTLRPDQ  
 LHIFNTLKSHLTDKGILTSLEDE

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

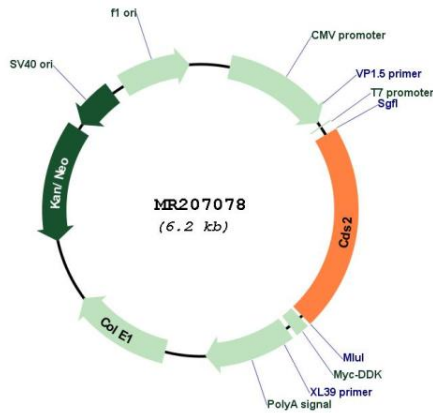
**Restriction Sites:**

SgfI-MluI



**Cytogenetics:** 2 64.15 cM  
**MW:** 51.3 kDa  
**Gene Summary:** Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol, phosphatidylglycerol, and cardiolipin.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207078