

Product datasheet for MC227641

Cds2 (NM_001291039) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cds2 (NM_001291039) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cds2
Synonyms: 5730450N06Rik; 5730460C18Rik; AI854580; D2Wsu127e
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227641 representing NM_001291039
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAATCAGAGTCCGAAGCAAAGCTAGATGGAGAGACAGCGTCTGACAGCGAGAGCCGAGCGGAAACAG
 CTCCTCCACCTCCGTAGATGACACCCAGAGGTCTTAACAGGGCCCTTCCAACCTGTCTCAAG
 GTGGAAGAAGTGGTGGGTGAGAGGCATCCTGACTTTGGCCATGATCGCGTTTTCTTCTTATCATTAC
 CTGGGACCAATGGTTTTGATGATGATTGTTATGTGTGTCCAGATTAAGTGTTCATGAAATAATCACTA
 TTGGCTACAATGTATACCACTCCTACGACCTGCCTGGTTCAGGACCCTCAGCTGGTACTTCTCTGCTGTG
 TGTGAACTACTTCTTCTATGGGGAGACAGTGACGGACTACTTCTCACTCTGGTCCAGAGAGAGGAGCCT
 TTGCGGATCCTCAGTAAATACCACCGGTTTCCTCTCTTGGCCCTGTATCTGACAGGATTCTGCATGTTTG
 TACTGAGTCTAGTTAAGAAGCATTATCGGCTGCAGTCTACATGTTTGGCTGGACCCATGTGACCTTGCT
 TATTGTCGTAACGCAGTCACACCTGTTATCCATAACTTGTTGAAGGAATGATATGGTTTATTGTTCCC
 ATCTCGTGCATCTGCAATGACATTATGGCCTATATGTTTGGCTTTTTCTTGGTGGACCCCACTCA
 TTAAGCTCTCCAAAGAAGACCTGGGAAGGCTTCATTGGGGCTCTTTGCCACTGTGGTGTGGCCT
 TTTGCTCTCCTATGTGATGTCTGGGTACAGATGCTTCGTGTGCCGTGGAATACAACAATGACACCAAC
 AGCTTCACTGTGGACTGTGAGCCGTCTGACCTATTCCGCCTGCAGGAGTACAACATCCCTGGGGTATCC
 AGTCGGCCATTGGCTGGAAAACGGTGAGGATGTACCCCTTCCAGATCCACAGCATCGCCCTCTCCACCTT
 CGCCTCGCTCATCGGCCCTTTCGGAGGGTCTTCGCCAGTGGATTCAAACGGGCCTTAAATCAAAGAT
 TTTGCAATACCATCCCGGTGATGGAGGCATCATGGATCGCTTGGACTGCCAGTACCTGATGGCCACCT
 TTGTCAATGTGTACATCGCCAGCTTATCAGGGGTCCAAACCAAGCAAAGTATCCAGCAGTTTCTGAC
 GTTGGCCAGATCAGCAGCTTACATCTTCAACACGCTCAAGTCTCACCTAACTGACAAGGGGATTCTG
 ACATCTGCCTTGAAGATGAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001291039
Insert Size:	1284 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_001291039.1</u> , <u>NP_001277968.1</u>
RefSeq Size:	8089 bp
RefSeq ORF:	1284 bp
Locus ID:	110911
UniProt ID:	<u>Q99L43</u>
Cytogenetics:	2 64.15 cM
Gene Summary:	<p>Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol, phosphatidylglycerol, and cardiolipin.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) contains an alternate 5' terminal exon, and it thus differs in the 5' UTR and 5' coding region, compared to variant 1. The encoded isoform (b) has a distinct N-terminus and is shorter than isoform a.</p>