

Product datasheet for MC200483

Cds2 (NM_138651) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cds2 (NM_138651) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cds2
Synonyms: 5730450N06Rik; 5730460C18Rik; AI854580; D2Wsu127e
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC003852 sequence for NM_138651
GCGGCTCCGCTCTCCGGCAAGGGCGGCGCAGCGGTGCTGGGCGGGGCCGGGCTCGGGGCTAGTGGCGC
TGCTGCAGGGGCTGTGCGAGGCACGGTGGGGCTGCGAGGTGCTCGGGCCCGCAGAGCCCGTGCCTCACT
GAGCCGACCCCGCGGCCACCGTCTGCTCACTCGGGGTGACGTGCGCCGGGGTCCCCAGCATGACCGA
ACTACGGCAGAGGTTGTCCGCGAGGACGCACCTCCGGAGGACAAGGAATCAGAGTCCGAAGCAAAGCTA
GATGGAGAGACAGCGTCTGACAGCGAGAGCCGAGCGGAAACAGCTCCCCTACCAACTCCGTAGATGACA
CCCCAGAGGTCCTAACAGGGCCCTTTCCAACCTGTCCTCAAGGTGGAAGAACTGGTGGGTGAGAGGCAT
CCTGACTTTGGCCATGATCGCGTTTTTCTTATTATCATTACCTGGGACCAATGGTTTTGATGATGATT
GTTATGTGTGTCCAGATTAAGTGTTCATGAAATAATCACTATTGGCTACAATGTATACCACTCCTACG
ACCTGCCCTGGTTCAGGACCCTCAGCTGGTACTTCTGCTGTGTGTAAGTACTTCTTCTATGGGGAGAC
AGTGACGGACTACTTCTCACTCTGGTCCAGAGAGAGGAGCCTTTGCGGATCCTCAGTAAATACCACGG
TTCATCTCCTTTGCCCTGTATCTGACAGGATTCTGCATGTTTGTACTGAGTCTAGTTAAGAAGCATTATC
GGCTGCAGTTCTACATGTTTGGCTGGACCCATGTGACCTTGCTTATTGTGTAACGCAGTCACACCTTGT
TATCCATAACTTGTGTTGAAGGAATGATATGGTTTATTGTTCCCATCTCGTGCGTCATCTGCAATGACATT
ATGGCCTATATGTTTGGCTTTTTCTTTGGTCCGACCCCACTCATTAAAGCTCTCTCAAAGAAGACCTGGG
AAGGCTTCATTGGGGGCTTCTTTGCCACTGTGGTGTGGGCTTTTGGCTCTCCTATGTGATGTCTGGGTA
CAGATGCTTCGTGTGCCGTGGAATAACAATGACACCAACAGCTTCACTGTGGACTGTGAGCCGTCT
GACCTATTCGCCCTGCAGGAGTACAACATCCCTGGGGTGTCCAGTCCGCCATTGGCTGGAAAACGGTGA
GGATGTACCCTTTCCAGATCCACAGCATCGCCCTCTCCACCTTCCGCTCGCTCATCGGCCCTTTCCGAGG
GTTCTTCGCCAGTGGATTCAAACGGGCCTTTAAAATCAAAGATTTTGCCAATACCATTCCCGGTCATGGA
GGCATCATGGATCGCTTTGACTGCCAGTACCTGATGGCCACCTTTGTCAATGTGTACATCGCCAGCTTTA
TCAGGGGTCAAACCCAAGCAAAGTATCCAGCAGTTTCTGACGTTGCGGCCAGATCAGCAGCTTACAT
CTTCAACAGCTCAAGTCTCACCTAACTGACAAGGGGATTCTGACATCTGCCTTGGAAAGATGAGTAGAGT
CCACCTGGGGCCAGAGAGCTGGAGCAGGATGGAGTGGGGCCAGTCCCAAGGCCGCCAGCTGCTGTG
ACTTAGATAATGAAAAGCTTCAACTCACTAAA AAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_138651
Insert Size:	1335 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).
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:	BC003852 , AAH03852
RefSeq Size:	1688 bp
RefSeq ORF:	1335 bp
Locus ID:	110911
UniProt ID:	Q99L43
Cytogenetics:	2 64.15 cM
Gene Summary:	Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol, phosphatidylglycerol, and cardiolipin.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).