

Product datasheet for MC202268

Cds1 (NM_173370) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cds1 (NM_173370) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cds1
Synonyms: 4833409J18Rik; AI314024; AW125888
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC055292 sequence for NM_173370
 GGGGGCGGGCCGGGTGGCGCGGTGCGAGGCGCGAGGGAGGGCCGTGCTGCTCCTCCGCCCCCTGGGGCCA
 GTGCGTGGAAACGGCGCACCTGGCAACGGCGCGCGTCCCCGCCGCGCGGTCCGCACACCTGCCGGCG
 GCCTCGAGCGCTCGCTCGTTGATGCCGTTCTGGGGGTGACCCGGCGCGGCTCCGCGGTGGCGGGGGCTA
 GACGACGCCAGCCAGCGACGCGGGAGCGGGACATGCTGGAGCTGCGGCACCCGCGGGGGCTGCCCGGCC
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 CAGCGACAAGAAACAGATATTGATGACAGGTATGGAGATCTCGATGCCAGAGGCGATTCCGACGTGCC
 GAGGTCCCACCGTCTCAGACAGGACCCCGAGATTCTCAAGAAAGCCCTGTCCGACTATCTTCAAGAT
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 GGGTCTTCATGCTGATGCTTCTGTTCTGGCATCCAAGTGAAGTGTCCATGAGATCATCACCATC
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 ACTGGAGCGGTGACTGAGCCAGCCTGGGGCTAAAAGTCAAGTATGAGGCTTTGCAGATACAAAGGTT
 TCTTTTTCTGAATTTACAATTACTGTGAATATTTAACAACACGTTGTTAAGGTGAGTGCAGCAGTCCG



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CCACCCGTGAAAGATCCTGTACTTTTCTAAAATGTATTTTCCAATGTTAAGTTCTCTGCCCTCACTGGCC
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AAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_173370
- Insert Size:** 1386 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:

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: [BC055292](#), [AAH55292](#)

RefSeq Size: 3939 bp

RefSeq ORF: 1386 bp

Locus ID: 74596

UniProt ID: [P98191](#)

Cytogenetics: 5 E4

Gene Summary: Provides CDP-diacylglycerol, an important precursor for the synthesis of phosphatidylinositol (PtdIns), phosphatidylglycerol, and cardiolipin. Overexpression may amplify cellular signaling responses from cytokines. May also play an important role in the signal transduction mechanism of retina and neural cells (By similarity).[UniProtKB/Swiss-Prot Function]