

Product datasheet for **MC200241**

Idi1 (NM_177960) Mouse Untagged Clone

Product data:

| | |
|---------------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Idi1 (NM_177960) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Idi1 |
| Synonyms: | 4832416K17Rik; MGC8139; MGC118013 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC004801 sequence for NM_177960
 CCGGAATCTCTGTGTTCTAGGTCAGATCAGACATTCTGTCACAATGCCTGAAATAAATACCAGCCATCTT
 GATGAAAAACAGGTTTCAGCTTCTAGCGGAGATGTGTATTCTTATTGATGAAAATGACAATAAAATGGGG
 CTGACACCAAGAAAACTGTCACCTTAATGAAAACATCGACAAAGGATTATTACATCGAGCTTTTAGTGT
 CTTCTTGTTTAACTGAAAATAAGCTCCTGTTACAGCAGAGATCAGATGCTAAAATTACCTTTCCAGGT
 TGTTTCACCAATAGTTGCTGTAGTCATCCATTAAGTAACCCAGGCGAGCTGGAAGAGAACAACGCCATTG
 GTGTGAAGCGAGCAGCAAAGCGGCGCTTGAAAGCCGAGTTGGGAATACCCTTGGAAGAGGTTGATCTAAA
 TGAATGGATTATCTAACAAGAATTTACTACAAGGCCCAATCTGATGGTATCTGGGGTGAACATGAAGTT
 GATTACATTCTGTTTCTGAGGAAGAATGTAACCTTGAATCCAGATCCCAACGAGATTAAGCTATTGCT
 ATGTATCAAAGGAAGAAGTCAGAGAAAATTTGAAGAAGGCAGCCAGTGGTGAATTAAGTTAACTCCGTG
 GTTTAAGATAATTGCAGATACTTCTCTTCAAATGGTGGGATAACTTAAACCATTTGAGTCCATTTGTT
 GACCATGAGAAAATACATAGATTGTGAATGTGTAATGATTTGAAAAATTTCTACCTGGTAAGAATGGT
 TTGGTTTGGTTTTAAATGGGCCCTTATATGATACATAGGTATTTACAACCAGAATTTGTTTTGAGA
 AAAGAAAACTCAACTAGCTTACAGTTTTATATCATATATCCCATATATGCACTGATGTCTGTAAAAG
 ATATTTAGGTGAGGTTATTGCAAATATGCCATAAGTAAACTTAATTTAGCCTGTCCAAATACCTGGC
 TATGACAAGATTGAGGAAGTAAGTAACTAGAACTCATATTTACATTTGATAGACACTTTCAGAACTCTTGCT
 AATTGTCAAGTGTGTTTATATCTTTAGATTTTATCATACATCAGAAAATTGAGCAGCTGCTTGAAC
 AGCACTAAGAGGTTAAATGGGCAGGGCTCAGGAGACAGCTCAGTGTACCATGATTGCCTTGACGGCATGA
 TGTCAATGGGTTGTTGAGTCCCTAACCTAAAGATAATTGTAACAACAGCAGCAACAGGCAGAGCAGGTTT
 AGAGGGAAAGTATATGGCGCT
 CTGTCTCGGTCTTACAGCAGGATGATTAATCTCAGGAACCCTGTATAACCAACTGAGTGTCAAGTGC
 ATAGAAGTATCGTATTTGCATATTACTGACTACACTTACCTCGTCTCTGGCGTGGCCATGACTCAAC
 CCCAGCGTAAATGCTCCTGTAATGATAGTTGTACTATGCTTTATGATAAGGAGACGTCTGCATGTGCGG
 CACAGATCAAATATTAATAGACAGTTGCTTGGCCCTTGATGTTTGGCCACAGATTTAAAGGCCAGT
 TCTGTATACTAATTTTTGTCATTCTCACTTGATTTGTGCTTTAACCATCCTGAAATTTATTTTACTA
 CTTAAAGGTAAGTGTACTTTTGGTAGTAATGGTAACTGATTAGCTATTCAGCAAATCTGTTTATAGTC
 CTAGTGAAAAAGATGGTTAGTCATAATGTGTGAGTGAAGTCTACTTTAAAAAGTTGAGAAAACTTTGAC
 TCTACCATGGCTGGCCCTGGATCCTCTTGTGTAGGGGCTGGCTTGAAGTATAGATAATTTAGTAGCATT
 AGCACCCCTTTTTAAGACAACAACAACAAAAGAAAATCTAGGGAAGAGTGGGGCGTGTCTTTCTCTCTG
 TGTAGCTCTGGCTATTCTAGAACTCAATTTGTAGACTAGGCTAGCCTCAAAACCCAGAGATCCACCTTCC
 TCTGACTCCCAGTACTGGGATTAAGGAGTGTACCACATGGCCAGCAACAACCAGAATTTGAATGGGTG
 ATAATCAAGAGTCCCGTAAAGGCTCGCTGTTCTATGATCAGGGCTTATTTAGAGGTGGAAGTGGGAAAG
 GAGTAGGGCTGAGGAAACATACAGTACTAGACTGATGTCCCAGAATAGGCATATATTAAGATTTGAGG
 TTATAGAATAGGCATATATTGATACTGTGTTTTGATTGATGTTCTTTAAAACTTGCCACAGGTGTGTCA
 CATTGAGCTCTTTAGACAGCTTATTCTTAAGTGTGCATAATGGATACATTTTTTTCTTATAAAAAATTT
 TATAAACCTAATTTCTTGCTAACTCTGAACAGTTGATTTATCATTGGGGATGACTATGTTGCAAGAAAT
 TTATTGAAAATTAATAAATAATTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_177960

Insert Size: 684 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: [BC004801](#), [AAH04801](#)

RefSeq Size: 2494 bp

RefSeq ORF: 684 bp

Locus ID: 319554

Cytogenetics: 13 A1

Gene Summary: Catalyzes the 1,3-allylic rearrangement of the homoallylic substrate isopentenyl (IPP) to its highly electrophilic allylic isomer, dimethylallyl diphosphate (DMAPP).[UniProtKB/Swiss-Prot Function]