

Product datasheet for **MC200254**

Dennd2d (NM_028110) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd2d (NM_028110) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd2d
Synonyms:	2010308M01Rik; AI451421
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC008266 sequence for NM_028110
 CTAAGCTGCCTCGTGGGTCTTTTACATCCTTCTTGCTCAATTACGGAGTACACAGGATGGAACTGCTC
 TCTGCCTTTGGGAGACAGCGTGTGGCTCAGCTCAATAAAGTTGTGATTGGAGACCAAGGCAGAAGGCACT
 TTCTCAGGCTTTCTGTGGCCAGCCTGAAGGAGAAAAGACATCCATGCCCCAAAGCTCAGAATGATGGAA
 GGACAAGGGTAGGCCGAACCTCAGGCTGCTCCGAAATCGCTTGCCACGACTTCGAGCAGGACAATCCC
 AGAACAACTCCTGGGGAAGCTGTCACAGAGCCAGAAAGGATCCAGGAGCATTCTCCATCTAGCTTTGCTGG
 AGGCCAGCACTTCTTTGAATACCTTCTTGTGTTCTTTAAAGAAAAAGCGTTTAGGGGATGACTATGAG
 CCCACGATCACTTACCAGTTTCCCAAGAGGGAGAACCTGCTCCGAGGTACGACAGGAGGAGGAGGCCGGT
 TGCTCAGTGCCATCCCTTTGTTCTGCTTCCCTGATGGAATGAGTGGGCACCACTCACAGAGTATCCAG
 GGAGACCTTCTCATTTGCTGACCAATGTGGATGGGAGCAGGAAGATCGGATACTGCAGGCGCCTCCTG
 CCTGCCGTCTGGTCTCAACTTCCCAAAGTGTACTGCATCATCAGCTGCATCGGCTGCTTCGGCTTGT
 TCTCCAAGATACTAGATGAAGTAGAGAAGAGGCATCAGATCTCCATGGCTGTCATCTACCCATTTCATGCA
 AGGTCTCCGAGAGGCAGCCTTCTGTCACCTGGAAGACAGTCACCTTAAGAGCTTCATTCTGACTCA
 GGCACAGAGTTTCATCTCACTGACACGGCCCTAGACTCCACCTTGAACACGTGGACTTCAGTGTCTGCTG
 TACACTGTCTCCATTTGGAGCAGATTATTCAGATCTTTGCTCTGCAGTGTGGAAGAAAAATCATCTT
 TTTGGCAGAGGGTCTCAGTACCCTGTCTCAGTGTATCCATGCTGCTGCAGCTCTGCTTTACCCATTAGT
 TGGGCACACATACATCCCTGTGGTCCCTGAGAGCCTTCTGGCCACTGTCTGCTGCCCTACCCCTTCA
 TGGTTGGGGTACAGATGCGCTTCTGTCAGGAGGTATGGACAGTCCCATGGAAGAGGTCCTGTTAGTGAA
 TCTTTGTGAAGGAACCTTCTTATTGTCGGTTGGTGATGAGAAAGATATTCTACCACAAAACCTTCAGGAT
 GACATCTTGGACTCTCTTGGTCAAGGGATAAATGAGTTAAAGACTTCAGAACAAATCAATGAGCATGTTT
 CAGGCCCTTTTGTACAGTTCTTTGTCAAGACTGTGGGCACTATGCCTCCTATATAAACGGGAGGCCAG
 TGGACAAGGTCAATTTCCAAGAACGATCCTTCTGTAAGGCTGTTACCTCCAAGACCAAGCGCCGATTTGTG
 AAGAAGTTTGTGAAGACACAACCTTTCTCCCTATTCATCCAGGAAGCAGAGAAGAGCAGGAACCCCTCTG
 CAGGCTACTTCCAAAAGAAAATACTTGTAGTACGAGGAACAGAAGAAACAGAAGAAATCAAGAGAAAAGACT
 GTGAAGTAAAAGCTGTGGTGAGCAGGAGTGTCTAGAGATACAGCTAGAACCACAGGCCAATCTGGACTTT
 GGCCCTTCTAGTGGGACAGAATCAGTGAGGTCTTCGGCCCTGGAATCCATGGCCTTCTTCCAAGTATAA
 TGCAGTCTTACTTCAAAGTGGTGTGTGAATCTGGGAGCCTTGGTGTGAGGGCTTCTCAGAACTTTGAAAG
 CTCACATCCAACTCAGAACTGTACTCAAAGCTGCATTTTTTGGCAGAGTGGACATAGTGGGAGATAGTA
 GTACAGGTGTATAGCTGTTGTGGGTGCTTAATTAGAAGTTGCTAGCACTGCTGTCTCCTATGAACCTCTG
 TTATAAAATCCTCAATACAGAACTGGCCCAATGACCCATGTACAAAATAGTGGTCTGACGTGAGGATG
 AGAATAAAGATGAAAACCTTAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_028110

Insert Size: 1410 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC008266](#), [AAH08266](#)

RefSeq Size: 2068 bp

RefSeq ORF: 1410 bp

Locus ID: 72121

Cytogenetics: 3 F2.3

Gene Summary: Guanine nucleotide exchange factor (GEF) which may activate RAB9A and RAB9B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form (By similarity).[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (1) represents the shortest transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.