

Product datasheet for **MC219309**

Dennd6b (NM_027081) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd6b (NM_027081) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd6b
Synonyms:	1700027J05Rik; AI414881; Fam116b
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219309 representing NM_027081
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGTGCCGGTGGGTCCCGGGCCCCGGCAAGCTGGCGGAGGACTAGGCGCGACAAGATCCTCGTCCT
 CCGGCCGCGCGGGCGGACCGCGGAGATGCCCTGGGCGCGCTTCTCTGCCTGGCTGGAGTGTGTGTGCGT
 GGTCACTTTCGATCTGGAGCTGGGCCAGGCGCTAGAGCTAGTCTACCCAAGTGACTTCCGGCTCACAGAC
 AAGGAGAAAAGCAGCATCTGCTACCTGGCCTTCCAGACTCGCACTCAGGGTGCCTGGGAGACACTCAGT
 TCAGTTTCCGATGCGTCAGTGTGGGGACAAAGGAGCCTCTGGCAGGTGGATGATCGGTGCTATAACAA
 CAAGGCCCCCTTGGCATTGCAGAGGGAGCCAGCACACTATCTGGGCTATGTGTACTTCAGACAGGTGAAG
 GACAGCTCTGTGAAGAGGGGTTACTTCCAGAAGTCTTTAGTGTGGTGTCCCGCCTGCCATTCTGCCGGC
 TGTTTCAGTCACTCCTAAGCCTGATTGCCCTGAATACTTTGAGAAGTTGGCACCCCTGCCTGGAAGCAGT
 TTGTAATGAGATTGACCAATGGCCAGCGCCGGTGCCTGGGAGACCCCTGAACCTACCCATCATGGGAGTC
 GTCAATCAGGTGCGCATCCCATCCAGGGTGGACAAGCTGGAATCCAGTCCCTCAAAGCAGTGTGATCAAG
 AGAACCTGCTGCCAGCTCCAGTTGCTCCTACTAGTGTCCATGAACTGGATCTGTTTAGGTGCTTCCGGCC
 AGTGTCAACCCAGTGCAGACCCCTGTGGGAACTCATGCTTCTTGGGGAGCCCTCGTGGTGTGGCACCC
 TCACCCGACGTGTCTTACAGAGCTGGTGTAGCCCTAACAGCTGCCTCCAGCCCTGAAGTTCTGTGTG
 ACTTCCGCCCCTACTTACCATTTCATGACAGTGAAGTCAAGGAGCTTACAACCGAACCCAGGCTCCACC
 AAACGTGGTCTGGGAGTCACAAACCCCTTCTTTATCAAACACTCCAGCACTGGCCTCATGTCTCCGA
 ATTTGGGGAGCCCAAGATGTCAGGGGACCTTCAAAGCAGGTCAAGCTTAAAAACCCTCACGGCTGAAGA
 CCCTTGACACCAAGCCAGGCTTACACCTCTATACTGCCACCTCCACCGGACAAAGCGCTGCTTAA
 ACGACTGCTCAAGGGCGTACAGAAGAAGCGCCATGGGATGTGCAGAGTGCCTGCTGAGGCGGCACCTT
 CTAGAGCTCACACAGAGTTTCATCATTCTCTGGAGCACTACATGGCCAGCCTCATGCCGTACAGAAGA
 ACATCACACCCTGGAAGAGCCCCCGCAGATCTGCCCTTCCGCCAGGACGATTTCTGCGAAGCCTGGA
 GCATGCGGGACCCAGCTCACCTGCATCCTCAAGGGTGAAGTGGCTGGGCTTACAGGCGGTTTTTCAAG
 TCCCCCATTTTGTGAGGCGAACATTGAGGCTTGGATGAAGGACAAGTCCGAGGTGGAAGTGGTCGACCT
 TGGAAAGCTATTTGTGAGGCGAACATTGAGGCTTGGATGAAGGACAAGTCCGAGGTGGAAGTGGTCGACCT
 GGTCTGAAACTTCGGGAGAAGCTGGTACGGGCACAGGGCCACCAACTCCCGTGAAGGAGGTGACTG
 CAGCGGGCTCAGCTGTACATTGATACAGTTATTGGCTCCCTTCCAAGGACTGCAAGCAGTCTGTGCC
 CTCCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_027081
- Insert Size:** 1758 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: [NM_027081.3](#), [NP_081357.2](#)

RefSeq Size: 4716 bp

RefSeq ORF: 1758 bp

Locus ID: 69440

UniProt ID: [Q9D9V7](#)

Cytogenetics: 15 E3

Gene Summary: Guanine nucleotide exchange factor (GEF) for RAB14. Also has some, lesser GEF activity towards RAB35 (By similarity).[UniProtKB/Swiss-Prot Function]