

Product datasheet for **MC219648**

Dennd6a (NM_001134465) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd6a (NM_001134465) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd6a
Synonyms:	Fam116a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219648 representing NM_001134465
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTGCCGGGCCCGCGGTCTTTGGGCCCGTTCCCGGGTCTGGACGAGGCCGGGGCTGAGG
 GCGCGAGGCGGCCCGCCCTTGCAGCGCGGGAGTCGCGCTGGAGGACGAGGAGGAGACGATGGCCGCCG
 GGGCCTGCTGCGCTGGGACGGCTTCTCGCCTGGCTACACTGCGTGTGTGGTGGGCTTCGACCTGGAG
 CTGGGCCAGGCGGTGGAGGTGATATCCTCAGCATTCCAACTACTGATAAAGAAAAACCAATATTT
 GCTACTTGTCTTTCCAGACTCAAATCAGGTTGCTTGGAGATACCCAGTTTTGTTTTAGATTCGACA
 GTCTTCTGGGAGAAGGGTGTCACTACACTGTCTTCTGATGAATTTGACAAAGATTTACCAGTTACTTA
 AAGAAAGATCCTGCATATTTTTATGGATATGTGATTTTTCGACAAGTTCGAGATAAACTCTAAAAGAG
 GCTACTTTCAAAGTCATTGGTTTTGATCAGCAAACCTTATATTCATTTTTTACACCGTACTCAA
 ACAGATAGCACCAGAGTATTTTGAAGAAATGAACCTTACTTGGAAAGCAGCTTGAATGATGTTGACCGA
 TGGCCTGCCCCAGTGCCAGGGAAAACGCTGCACCTGCCTATCATGGGACTAGTAATGAAGTTTCGGATTC
 CCACGTGTCATGACAAGCCTGGGACCACGAGATGGTGCAGTTAACTCAGCAGGCAGATACACACATC
 TATTATTTGCTACTGTTACAGAGGTGGATCTTTTCCAGGTGTTTCTGCCAGTTTTTCTCACAGTCAG
 ATGCTCTGGGAGTTGGTGTCTTGGGAGAGCCCTGGTGGTCAATGGCGCCATCGCCGTCAGAATCTTCAG
 AAAGTGTACTGGCTCTTGTAACTGTATCTCTCCATTAAGTACTTTAGTGATTTTGGCCTTACTTCAC
 GATTCATGATAGTGAATCAAAGAATACTACCCGACTCAAGTCCGCCCTCAGTCATCTTAGGAGTA
 ACCAACCCCTTTTTGCTAAAACACTACAGCACTGGCCACACATTATTCGAATAGGAGATCTAAACCTG
 CAGGTGAAATTCCTAAGCAAGTTAAAGTGAAAAAGCTGAAGAACCTAAAACTCTGGATTCTAAACCTGG
 AGTTTATACTTCTTACAAGCCATATCTAAACAGAGATGAGGAGATCATAAAACAACCTCAGAAGGTATA
 CAGCAGAAGCGTCTTCTGAGGCCAAAGTGTATTCTCCGCGCTATTTTTGGAATAACACAAAGTT
 TCATCATTCCATTAGAAAGATATGTGGCAAGCTTATGCTTTGCAAGAAAGTATTTCTCTTGGAAAG
 TCCACCCAGTTACGGCAGTTCTTCCAGAAGATTTATGAAAACACTTGAAGAAACAGGGCCTCAGCTC
 ACCTCTGGAATAAAGGGCGACTGGATTGGACTTTACCGCAGTTTCTAAAGTCTCCAAATTTGATGGCT
 GGTTCAGACCCGGCGGAAAGAAATGACTCAAAAATTGGAGGCCTTCTCTAGAAGCTCTTTGTGAAGA
 GGACCTCTTCTCTGGATCCAGAAACACACAGAAGTAGAAACAGTGGACCTTGTGTTGAAGCTGAAAAAT
 AAGTTGTTGCAGGCTGGCCGAGAGACTTACCTGTGAAGCCTGACTGTGGAGAAGTTACGGACACATA
 TAGATGCAATTATCCTGGCCTTACCAGACGACCTGCAAGGCATACTGCTCAAGACCGGCATGACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001134465
- Insert Size:** 1818 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_001134465.2](#), [NP_001127937.1](#)

RefSeq Size: 6666 bp

RefSeq ORF: 1818 bp

Locus ID: 211922

UniProt ID: [Q8BH65](#)

Cytogenetics: 14 A3

Gene Summary: Guanine nucleotide exchange factor (GEF) for RAB14. Component of an endocytic recycling pathway that is required for the control of ADAM10 transport, shedding of N-cadherin/CDH2 by ADAM9 or ADAM10 and regulation of cell-cell junctions. Required for RAB14 recruitment to recycling endosomes (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.