

Product datasheet for RN217419

Dennd1a (NM_001191747) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd1a (NM_001191747) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dennd1a
Synonyms:	RGD1307927
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217419 representing NM_001191747 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTTGTTTCTTTGTAGACAAAACCCGGAGACTACATTTGAAGTGTATGTGGAAGTGGCCTATCCTA
GGACAGGTGGCAGCTTTTCAGATCCTGAGGTGCAGAGGCAATCCCGGAGGACTACAGTGACCAGGAAGT
TCTACAGACTTTGACCAAGTTTTGTTTTCCCTTCTATGTGGACAGCCTCTCAGTTAGCCAAGTTGGCCAG
AACTTCACATTTGTGCTCACTGACATTGACAGCAAACAGAGATTCGGGTTCTGCCGTTATCTTCAGGAG
CCAAGAGCTGCTTCTGTATCTTAAGCTACCTCCCTGGTTTGAGGTATTTATAAGCTCCTTAACATCTT
GGCAGATTACACAACAAAACAACAGGAAAGTCAGTGGAATGAACTTCTTGAAACTCTGCACAGACTTCCC
ATTCCAGACCCCGGAGTGTCTGTTCACCTCAGCGTGCATTCTTACTTCACTGTGCCTGATAGCAGAGAGC
TTCCCAGCATACCTGAGAATAGAAATCTGACAGAATATTTGTGGCTGTGGATGTGAACAACATGTTGCA
TCTGTACGCCAGCATGCTGTATGAGCGCCGGATCCTCATCATCTGCAGCAAGCTGAGTACCTTGACGGCC
TGCATCCACGGCTCTGCTGCCATGCTCTACCCATGTACTGGCAGCATGTGTACATCCCTGTGCTGCCCC
CACATCTGCTGGACTACTGCTGTGCTCCCATGCCCTACCTCATAGGAATCCATTTAAGTTAATGGAGAA
GGTCAGAAACATGGCCCTAGATGATGTTGTGATCTTGAATGTGGACCAACACCCTGAAAACCCCTTTT
GATGACCTTCAGAGCCTCCCAAATGATGTGATCTCCTCCCTGAAGAACAGGCTGAAGAAGTCTCCACAA
CCACAGGCGATGGGGTGGCCAGAGCCTTCTCAAGGCCAGGCTGCTTTCTTTGGCAGCTACCGGAATGC
ACTGAAAATTGAGCCAGAAGAACCATCACTTTCACTGAGGAGGCTTCTGTCCTCACTACCGCTCTGGA
GCCATGAGACAGTTCTACAGAATGCCACACAGTTGCAGCTCTTCAAGCAGTTTATCGATGGCCGACTAG
ACCTTCTCAATCCGGTGAAGGTTTTCAGTGATGCTTTGAGGAGGAGATCAGCATGGGAGAATATGCCGG
CAGTGATAAACTGTACCATCAGTGGCTGTCCACAGTCCGAAAGGAAAGTGGAGCGATTCTGAATACTGTA
AAAACAAAAGCTAACCCAGCCATGAAGACTGTCTACAAGTTTGAAAAGATCATGAAAAATGGGAATAA
AAGAGGTGAAAAACCGCTTGAAGCAAAGGACATACCGAGAATGGCTGTGCATCCTCTGCAGAAGATCC
ACTGCCAAAGACCATACCATCCCACTGGCAGAGGCCAAGGACCCCAAACCTTCGAGAAGACCGGAGACCA



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ATCACAGTCCACTTTGGGCAGGTAAAGACCGCTCGGCCGCATGTCATCAAGAGACCCAAGAGCAACATGG
 CTGTGGAAGGCCGGAGGACGTCCATCTCAAGCCCCGAGCAGCCACAGCCATACAGGACTTTGAAAGAATC
 AGACAGCGCAGAAGGTGATGAGACCGAGAGTCCAGAGCAGCCAACTCGGGAGCCCTGGGGGCCTACCCCT
 GCTCCACTGACCGAGCTGCCAGCATTGACCTTCTAGAAGATGTCTTCAGCAGCCTAGATGTGGAGGCAC
 CACTGCAGCCGCTGGCCAAGCCAAGAGCCTGGAGGATCTCGGGTCCCCAGAGACTTGGCGAACAGTC
 AGGCAGCTTTGATTACCAGAGGCTGGACCTATGCAGAAGTGAGAGGGCCTTAGCATGCCAGCAGCCCTG
 AAGTTTGCTCATCCATATACTCAGCTCTGGAGTCTCGGACAAGACGACATGGCCATCCCCAGCAAGCCCT
 CCATGACCTCCCCTGAGAAGCCCTCAGCTCTGCTTGGTACTTTGCCAGCACTGCCTGTGACACCCAGAA
 CCAGGAGGGCATCCTGAGCCCCAGCATCAAGGAGGAGACTCCCCTGCCAGCTCCAGGCAGCATCACCATT
 CCCAGGCCACAAGGCAGAAAGACCCCTGAGCTTGGCATTGTGCCTCCACCACCCACTGCCCGGCCAGCCA
 AGCTCCAGGGTGTGGCGGCCCACTTGGTGACTTCTCTTCAGAGCCACTACAGATGGACCTGGAAAGACA
 AGCTGCTCTGAGTCCAGCCCTCTTGTGAGGGCTGCTCCCGAGAGCTGGTCCCAAGGCTCCACAGAACTT
 GTGCAGTACCCAGCCAGCCCGAGGAGCTGCAGGCACAGGCAGCGATGCCCTGCTTGTCTCTCTGGACC
 CACTTAACACAGCCTGGTCAGGCAGCACCATCCCATCCTATCCTACTACCCCAAGTGTAGCCACCCATT
 CACCCCCAGCTCAGCTTCCCCTCAACAGTGACACCCTCCCCTTTGCACAGACACCACTCAATCCCTTT
 GTCCCCTCTGTGCCAGTAGTACCACCCACCATGTCCCTGGGCTCTACACCAGCCAGACCTTTTGGGACGC
 CTCCAGCATCCCTAGGGCCAGCATATGCACCTAGCATCCTATTGTCTGGTTCTAGCTTCTGTGCCCTCA
 CAGGTCTCAGCCACCCTCTCTGCTCTCTATGCCAACCTCTTTGGCCAGATCCCAATGGGTGCCAC
 ACTAGTCCCCTGCAGCCACTTGGCCCCCAGCCGTTGCCCCCTCCAGGATCCGAACATTGCCTCTGCCCC
 GCTCAAGTGCCAGGGTCTGCTGAGCCAAGCAGGGGTTGGCCCTGAGGCCAGGTGAATCCCCACTGTGCC
 TCCTAGACCACCAGAACTACAGCCAACCCTGCAGCCCTCTGCTCCTACACAGGCCAGAGACCCCTTT
 GAGGATTTGCTACGGAACCAAGCAAGATGTGAGCCCAAGCCAGTCCCGGCCCGCCCGCCAGCCCGAG
 CCCAGCCTCAGCCTCCACCTCTGTGGAGCAGTCCGCAGGCAGTGGGAGACCTTCGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191747
- Insert Size:** 3072 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191747.1](#), [NP_001178676.1](#)

RefSeq Size: 4114 bp
RefSeq ORF: 3072 bp
Locus ID: 311913
Cytogenetics: 3q11-q12