

Product datasheet for **RN205642**

Dennd2d (NM_001107714) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd2d (NM_001107714) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dennd2d
Synonyms:	RGD1305120
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205642 representing NM_001107714
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGATGGGCTCGGCCGCCCTCCGAGCCAGCCTGAGACTGAAGCGCGGCCAGCGGGACAATCCCAGA
 ACAATCCTGGGGATGCTGTCACAGAACCGAAAGAATCCAGGAGCATTCTCCACCTATCTTTGCTGGAGG
 CCAGCACTTCTTTGAATACCTTCTTGTGTTTCTTTAAAGAAAAAGCATTAGGGGATGATTATGAACCC
 ACAATCACCTACCAGTTTCCCAAGAGGGAGAACCTGCTCCGAGGTGAGCAGGAGGAGGAGGAACGGCTGC
 TCAAAGCCATCCCTTTGTTCTGCTTCCCTGATGGGAATGAGTGGGCACCGCTCACAGAGTATCCAGGGA
 GACCTTCTCATTGTCTGACCAATGTGGATGGGAGCAGGAAGATCGGATACTGCAGGCGCCTCTGCCT
 GCTGGTCTGGTCTCGCCTTCCAAAAGTATACTGCATCATCAGCTGCATCGGCTGCTTCGGCTTGTCT
 CCAAGATACTGGATGAAGTAGAGAAGAGACATCAGATCTCCATGGCTGTCATCTACCCATTCATGAAGG
 TCTCCGAGAGGCAGCCTTCTGACCTGGAAAGACAGTCACCTTAAGAGCTTCATTCTGATTACGGC
 ACGGAGTTCATCTCATTGACACGGCCCTAGACTCCACCTTGAACATGTGGACTTCAGTGTCTGCTGC
 AATGCCTCCATTTTGAAGCAGATTATTCAGATCTTTCCTCTGCAGTACTTGAAAGAAAGATCATCTTTT
 GGCAGAGGGTCTGAGTACCCTGTCTCAGTGTATCCATGCTGCAGCTGCTGCTTTACCCATTTAGTTGG
 GCACACACATACATCCCGGTGGTCCCTGAGAGCCTTCTGGCCACTGTCTGCTGCCCTACCCCTTCATGG
 TTGGGGTACAGATGCGATTCCAGCAGGAGGTATGGACAGTCCCATGGAAGAGGTCTGTTGGTGAATCT
 TTGTAAGGAACCTTCTTATTATCAGTTGGTGTATGAGAAAGACATCCTACCACGGAACCTCAGGATGAC
 ATCTTGGACTCTTGTCTCAAGGAATAATGAGTTAAAGACTTCAGAACAATCAATGAGCATGTTTCAG
 GCCCTTTTGTACAGTTCTTTGTCAAGACTGTGGCCACTATGCCTCTATATAAACGGGAGGCCAGTGG
 ACAAGGCCATTTCCAAGAACGCTCTTCTGTAAAGGCTGTTACCTCCAAGACCAAGCGCCGATTTGTGAAG
 AAGTTTGTGAAGACAACTTTTCTCCCTATTCATCCAGGAAGCAGAGAAGAGCAGGAATCTCCTGCAG
 GCTATTTCCAAGAAAAATACTTGAATATGAAGAACAGAAAAACAGAAGAAATCAAGAGAAAGACGGTG
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107714

Insert Size: 1401 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_001107714.1, NP_001101184.1
RefSeq Size: 1926 bp
RefSeq ORF: 1401 bp
Locus ID: 310772
Cytogenetics: 2q34