

Product datasheet for **RN217333**

Dennd2c (NM_001191569) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd2c (NM_001191569) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dennd2c
Synonyms:	RGD1308197
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN217333 representing NM_001191569

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCACCCCACTGGGACCATGGATGTGGGCTTTACGCGGTCTGCTGTTTCAGACCCTGTCCAGGAGCCACT
GCAAAAACATCAAGCAAAAGATCTCCAGTGGGAAGGAAGAGCCAATGGTGTAACTCAGCCAGCCAAGTT
TACCCAAAGGATTTTGGTGTGAGATATAATAACTGCCACCAGGAGCGTCCTCCTCATAAGCATCCACCC
GGTGAGGAAAGGAATGGGGTTTACCCAGAAACACGGACGCCAGAAGCCACGATCAAAGTGAGGGTGAAA
GCGAGAGTCGAGAGCTTAAAGACCCCCACCCCTTGAAGGTGAACCAAATCCAGCCGATGTGTCCCCG
GGTCAAACAAATCGAAAGCTGCCAAGCTGTTGCTGTGGATCCAGAGGCTTCGCTACCTCCAGGAACTTC
TATACCTCGCAGATACCGTGAAGAGCATAGAAGGGCTTACCCGAACAAAGTCTTCACTGTGGCCTTAT
CACCTTGTGACTTACAGAAGAGGAACCGAGCTCAGTGTCTGGATAGTTCTTACAGAGTAGCCAAGAG
CTTGGAATAATTTATTGTGAACCTGAGGGGAGGAATGTGGCCCTCTATAATCCTTTGCCAAACCC
CGTAGGACATTCAGGTATTTATCTGAATCTGATGGCATGCCATATAAAGAAAGGAAGTGTGACCAAAAGA
ACTGTGAGAGTGTGCTGTGCAGACTCTTCGTTGGCCTCTTTTCAGGATCCCGAGCCGAAGAGATATGG
TGGGAAGATCAGAGGGAGGTCCAAAAGGAAATCTTTGAATTTGAAGATATTACAGCACTTTCGGAATCA
CGGAAGATTATGAAGAACTTGAGAGAAATGCTGGCTCAGCACTTTATTACACAGTCGGAGGATAATA
TCTATGAGGATATTATATACCCAGCCAAGGAAATCCCTATGAAGATATCCAGTGCAGTCATCCCCAT
TTGGAGATCCCCCTCAGCATGGAGGCTGCCACCTGCTAAGAGTGCCTTCGAACACCCAAGCTTCCTCCC
AAACCCAGTTCCTTCAGCGGAAGACTATGGAAGTGAAGAACTCAGGCGTATTTGCGATCAAACTCA
CGAAGGATACCACTTTACCTGTCACTTAACGGAATGGAACCTTTCCGAGCTGGAGAAGTGCTAACAG
GAAAAAGAGAAATCTCCCTCGGCTTGTTTTGAAATCAATGATACGTTTGAATCTAAGAGAGGGAAGAG
AGGGTAAAGTTACAGCCTTACACCGGAAAGAAAGCCCTCCTCAAAAGGTGAACCAAGTGGGAACGAGA
GCGATGCTGAGTACCTGCCAAAGAACGCCACAAGCGCTTGGCACAGCTGCAGCAGTCTCCAAGAGGAG
CCCCCACTACCAGACCTTGGAGCGGATCTGATCGAACTGCAGGAACAGCAGCTTTTGAATCTTCGTG
GTGTTTCTCTTCAGAAGAAGGCATCAGGGATGGAGTACATGCCCCGGGTATACAGCAGTTCCTAGCA
AGGGTGACCATGGCTACAAGCAGTCCAAGACACTGAGGAGAGGCTCAAAGTCATCCCCAGATTTTGT
TCCTGATTCTGAGGACTGTGCACCAACCTTAGAACTCAAGAGTGAACGTTCTCCTTCGTGCTGACTGGG
GAAGATGGAAGTCGGTGGTTTGGCTACTGTAAGAAGCTTTGCCAGAAGGCAGAGGGAAGCGGCTCCCCG
AGGTGTACTGCATGGTTAGTCGCTTGGGCTGCTTCAATCTTTCTCAAAGATTCTGGATGAAGTAGAGAA
GAGAAGAGAAATGTCCCCAGCCCTTGTTTACCCATTATGCGAAGTGTATGGAAGCCCTTTCCAGCT
CCTGGCCGCACCATCACAGTTAAGAGCTACCTCCCTGGGCTGGAGATGAGTCAATTGAATCTGCCGAC
CACTGGACTCAGCACTGGAACATGTGGATTTGAATGTCTTTTAAAGTGTGAGTGTGCCCATCTCAT
CCGGTCTGTGCCTCCCTGCTTCTCGAGCGGAGGTAATCTTTGTTGCCGACAGCCTAAGCACCTTTCA
AAATGTGGCCATGCCGTGGTGGCTACACTGTATCCGTTACCTGGCAGCACACCTACATCCCAAGTGTGC
CAGTGTCCATGATTGACATCGTGTGCTCACCTACTCCATTCTTTATTGGGATCTTGTCTTGTTCCTTACC
CCTACTCCAGGATCTTCCATTGAAGAGGTGCTGATAGTCGATCTCTGTGCAGACAAGTTCCTACAGGAG
GTGTCTGACGAGGATGAGATCATGCCACCTAAACTCCAAGCTGCCTTGGTGCAGATTTTAGAAGAGCGAG
ATGAAGTCTTGGCCAGGAGCGGAGTTCGCAAGATGTGACTCTCAATTCTCTGGTGTGAGAAGCATT
TGTGAGTTTTTTGTGGAATCTGTTGGGCATTATTCTCTGAATATGACTGTACGGAGCGTGGGAGCGT
GTGTTCTTAAGGGAGCCATTCCGGAAGTCCACACCTCCGAAGTGTCCGCCACTTCTAGATCTCTTCA
TGGAGACACAGATGTTTGCAGGATTCGTCCAGGACCGGGAGCTTCGGCAAAGTGGAGTTAAAGGTTTGT
TGAAGTCCGGCTCTTCAATATTTAGAAACAATTCCTGAGTCGGAACCCAGCGGGTGAATAGAATTTTA
CGGAGTCTTGAAGCAAAATGAGATTTCTCACAAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:	NM_001191569
Insert Size:	2772 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:	<u>NM_001191569.1, NP_001178498.1</u>
RefSeq Size:	4980 bp
RefSeq ORF:	2772 bp
Locus ID:	295333
Cytogenetics:	2q34