

Product datasheet for **MC221576**

Dennd1c (NM_153551) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd1c (NM_153551) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd1c
Synonyms:	4432409M07Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221576 representing NM_153551
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGATCCACAGAGACAAGGCATCCCCCTGCCATGTTTGACTGGTTCCTTGAAGCTGGCTGCCCAACT
 CCCTGGAAGAGGATCCCCCATCCTGCGCAGTTCCTCCAGACTTCCAGGAGCAGGAAGCCATGCAGAT
 GGTGCCCAGGTTCTGTTTCCCCTTCGACATAGAAAAGGGAGCCACCCAGCCCTGCTGTTACAGATTTACC
 TTTGCCCTCACTGACCTGGTGGCAACCGTAGATTTGGCTTCTGCCGCCTGCGAGCTGGTGCACGGAGTT
 GTCTCTGTATCCTCAGCCACTTCCCTGGTTTGAAGTGTCTACAAGATTCTCAATAACGTGGGGGACCT
 TCTAGCCCAGAACCAAGTCGCCGAGGCTGAAGAACTCCTACAAAACCTACAGCAACACCCACTTCTTGA
 CCCCAGTTTTCAGGAAGATCAGAGATGGACAGCAGCATCACTGTCGGAGTGAATGTGGAATCTTGCCCTC
 CTGCCCTGGGGAATAGCAAGCTGCTTCTGTTTGTGGCTCCGGATGCCGCCAGCCTGCCATCTATTCC
 TGAGAATAGGAACCTCACTGAGCTGGTGGTCGCTGTGACAGATGAGAACATCGTGGGGCTCTTCGACGG
 CTGCTAGCTGAGAGGAGGTCTTCTCACTGCCAGCAAGCTCAGCACTCTGACAGCTGTGTTACAGCAT
 CCTGTGCCCTGCTCTACCCCATGCGCTGGGAGCAGTTCTGATCCCACTCTACCCACACCTACTGGA
 CTAAGTGTGCGCCCATGCCCTACCTCATAGGAGTCCATGGCAGTCTCGCAGAGAGAGTCCGAGAAAA
 GCGCTGGAAGATGTTGTGGTGTGAATGCAGACTCTAACACCCTGGAGACACCCTTTGACGATGTGCAAG
 CTCTGCCGCCGATGTGGTATCCCTGCTGAGGCTTCGGCTAAGGAAGGTTGCCCTGAGCCCTGGGGAAGG
 GGTGTCCCGTCTTCTCAAAGTGCAGGCCCTGCTCTTTGGAGGGTACCGTGTGCCCTGTCTGCATC
 CCGGGTCAGCCAGTGACCTTCACTGAGGAAGCTTTTGGCTCAGAAGCCCGGGGACCCCTGCAGGCAT
 TCCAAAAAAGGCGGTACACTTGCAGCTTCAAGCAGTTCATCGAATCCCGACTGGAAAAACTCAATGC
 TGGGGAAGGCTTCTCAGACCAATTTGAGCAAGAGATCATTGCCTGCCCGGAGCTTCTCAGGCACCCTT
 CGGTCTTACCAGCTCTGGGTAGATAGTCTTAAAGAAAGGTAGCGATGCCCTTCTGCATTCAATGAAGCAA
 AAACCAACCAGCTGTCAGGAACATGTACCGATCGGGTACTCCCTCCAGGAATATTGTGCATCAAAGGC
 AAAGAGTGGCTTGAAGGGTATGCAGAACCTGCTCACGATTAAGGATGGAGACTCTGGCTGCAGAGGGGG
 GGCTCCCTGAGAACCCCAAGCCTCACCAGCCGCTCTGATCGTCTGCAACAGCGCTGCCTATTAGCCAGC
 ACTTTGGACAGAACAGGCCCTCCGCCCCAGCAGGAGACTCAAGACTGAAGAGGGACCTCCGAACCCCT
 GCGGGAGAGGAGCCACCTTGAACCTGGGGACTCAGAACCCTGGGAGAGATACTAGATGGC
 AGCTTTCTGGGGTCTGGAGAAGAGCTGGATCTACTGAGTGAATCTAGACAGCCTGAACGTGGAACCA
 AGAGTGGCGACCTGCAGAGGGCCAGCCAGAGCTTAGACTGCTGTCAGCGAGGGGGCGCTCAGAGAGCTG
 CTCCAGCCTGCCTGACATCCCAGTGGGGTTACCATGGCAACTGGAAGAAGACAAGAGATCCAGGATCCT
 CAGCCTTGGTCCCTACCTGGTGACCTGTCACTTCTGCAAGACACCCATTTTTCAGAGGTTGTAAGTACT
 CAAAGAACTCCTGTTCTCAGCCATTTACAGCAGAGCCCCCAAGCCAAGGGGACCCCGGGCCCTCTCAG
 CAAGCTGGATCCTAGACCCTCACAAAGCCCTGCCCAAGCTCCTCAGAGTCCCCACTAGGCACAGTCTC
 CCAGAAAGCCCCAGCTTCTTGTCTCCACAGAGCCCACTCTGATGCTGTCCAAAGATTACAATCCATTT
 CGTCTCCCTCATGCTCTCATTCTGCAGAGAACCCAGAAACCAGCCTCCCAGGTCTCCTGGGCCAGGC
 TTGTGTACAACCCCTCGAGGAGCTGGGAGCCCCACTTATGCTCTCATGTAAGCACGCAGCAAAGGCCA
 CAGGACAAGCAACCTCGAGTTGCTGATCTGAAGAAGTGTTCGAAAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_153551
Insert Size: 2361 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:	<ol style="list-style-type: none">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_153551.1 , NP_705779.1
RefSeq Size:	2539 bp
RefSeq ORF:	2361 bp
Locus ID:	70785
UniProt ID:	Q8CFK6
Cytogenetics:	17 D
Gene Summary:	Guanine nucleotide exchange factor (GEF) which may activate RAB8A, RAB13 and RAB35. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form.[UniProtKB/Swiss-Prot Function]