

Product datasheet for **MC227406**

Dennd6a (NM_001285467) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd6a (NM_001285467) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd6a
Synonyms:	Fam116a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227406 representing NM_001285467 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGACTAGTAATGAAGTTCCGATTCCCACGTGTCATGACAAGCCTGGGACCACGCAGATGGTGCAGT
TAACTCAGCAGGCAGATACACACATCTATTATTTGCCTACTGTTACAGAGGTGGATCTTTTCAGGTG
TTTCTGCCAGTTTTTCTCACAGTCAGATGCTCTGGGAGTTGGTCTCTTGGGAGACCCCTGGTGGTC
ATGGCGCCATCGCCGTCAGAATCTCAGAACTGTACTGGCTCTTGTTAACTGTATCTCTCCATTAAGT
ACTTTAGTGATTTTCGGCCTTACTTCACGATTCATGATAGTGAATTCAAAGAATACTACCCGACTCA
AGCTCCGCCCTCAGTCATCTTAGGAGTAACCAACCCCTTTTTTGCTAAAACACTACAGCACTGGCCACAC
ATTATTCGAATAGGAGATCTTAAACCTGCAGGTGAAATTCCTAAGCAAGTTAAAGTGAAAAAGCTGAAGA
ACCTAAAACCTCTGGATTCTAAACCTGGAGTTTACTTCTTACAAGCCATATCTAAACAGAGATGAGGA
GATCATAAAACAACCTCAGAAGGGTATACAGCAGAAGCGTCTTCTGAGGCCAAAGTGTTATTCTCCGG
CGCTATTTTTTGAACAAACAAAGTTTCATCATTCCATTAGAAAGATATGTGGCAAGCTTGATGCCTT
TGCAGAAAAGTATTTCTCCTTGGAAAGAGTCCACCCAGTTACGGCAGTTCTTCCAGAAGAATTTATGAA
AACACTTGAAAAACAGGGCCTCAGCTCACCTCTGGAATAAAGGGCGACTGGATTGGACTTTACCGGCAG
TTTCTAAAGTCTCCAAATTTTGATGGCTGGTTCAAGACCCGCGGAAAGAAATGACTCAAAAATTGGAGG
CACTTCATCTAGAAGCTCTTTGTGAAGAGGACCTCCTTCTCTGGATCCAGAAACACACAGAAGTAGAAAC
AGTGGACCTTGTTGAAGCTGAAAAATAAGTTGTTGCAGGCTGGCCGAGAGAGCTTACCTGTGAAGCCT
GACACTGTGGAGAAGTTACGGACACATATAGATGCAATTATCCTGGCCTTACCAGACGACCTGCAAGGCA
TACTGCTCAAGACCGGCATGACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_001285467
Insert Size:	1146 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:	<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:	<u>NM_001285467.1</u> , <u>NP_001272396.1</u>
RefSeq Size:	6727 bp
RefSeq ORF:	1146 bp
Locus ID:	211922
UniProt ID:	<u>Q8BH65</u>
Cytogenetics:	14 A3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) uses an alternate 5'-terminal exon, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (c) has a shorter N-terminus, compared to isoform a. Both variants 3 and 4 encode the same isoform.</p> <p>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.</p>