

Product datasheet for **MC203482**

Dennd5a (NM_021494) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd5a (NM_021494) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd5a
Synonyms:	1500012B19Rik; AJ245569; AW496491; mKIAA1091; ORF37; Rab6ip1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC060230

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CCGCCCTTCCTCAGGCTTGCTCAGGCCGCGGTGCAGAGGACAGCTCCAGGATGCGGCGCGGGTGGCCC
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Restriction Sites:

AscI-NotI

ACCN:

NM_021494

Insert Size:

3864 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC060230](#), [AAH60230](#)

RefSeq Size: 4972 bp

RefSeq ORF: 3864 bp

Locus ID: 19347

UniProt ID: [Q6PAL8](#)

Cytogenetics: 7 E3

Gene Summary: Guanine nucleotide exchange factor (GEF) which may activate RAB6A and RAB39A and/or RAB39B. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form (By similarity). Involved in the negative regulation of neurite outgrowth (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).