

Product datasheet for **MC225031**

Dennd4c (NM_184088) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd4c (NM_184088) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dennd4c
Synonyms:	1700065A05Rik; AA420392
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC225031 representing NM_184088 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGATAGAAGACAAGGACCTAGAGTGACAGACTACTTCGTTGTGGCAGGTCTCACTGATACATCCACTC
TTTTGGATCAAGAAATAAATCGTACAGATACTAACTCGATTGGTCTAAAGCTCCAATCACAGACATTGC
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GTCTGCTTGGCACCCTGAGGAGGCTGTATCAGCAGCTCTGCTCAGTTCACCGAAAAACCTCAAGAAAGTTC
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ACGTTTGGACCTTCTAGCAACTGCCAGGCCTTATTCTCACCTCTGAGCATTGTAAATGGAGGTGTGCAG
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 AGTATCAGTGTGGAGTGGTGCAGGAAGTGTCTTGGAGCGCCTCTCATTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_184088
- Insert Size:** 5721 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_184088.1](#), [NP_908976.1](#)
- RefSeq Size:** 7793 bp
- RefSeq ORF:** 5721 bp
- Locus ID:** 329877
- UniProt ID:** [A6H8H2](#)
- Cytogenetics:** 4 C4
- Gene Summary:** Guanine nucleotide exchange factor (GEF) activating RAB10. Promotes the exchange of GDP to GTP, converting inactive GDP-bound RAB10 into its active GTP-bound form. Thereby, stimulates SLC2A4/GLUT4 glucose transporter-enriched vesicles delivery to the plasma membrane in response to insulin.[UniProtKB/Swiss-Prot Function]