

Product datasheet for MR222752

Dennd4c (NM_184088) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dennd4c (NM_184088) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dennd4c
Synonyms:	1700065A05Rik; AA420392
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR222752 representing NM_184088 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

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TTTTGGATCAAGAAATAAATCGTACAGATACTAACTCGATTGGTCTAAAGCTCCAATCACAGACATTGC
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Protein Sequence:

>MR222752 representing NM_184088
 Red=Cloning site Green=Tags(s)

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 LIFRYPEEDYESFPLSPSVPLFCLPMGATIECWDPQIKYPLPVFSTFVL TGSSAEKVYGAIIQFYEPYSQ
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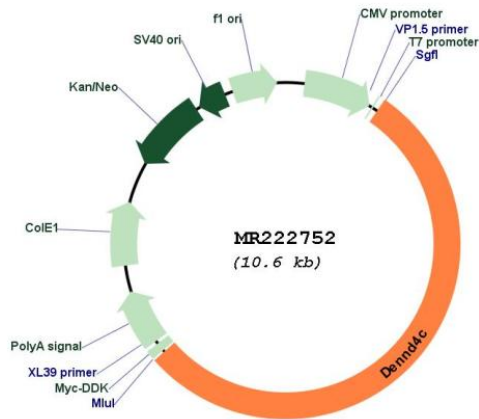
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_184088

ORF Size: 5718 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_184088.1 , NP_908976.1
RefSeq Size:	7793 bp
RefSeq ORF:	5721 bp
Locus ID:	329877
UniProt ID:	A6H8H2
Cytogenetics:	4 C4
MW:	211.5 kDa
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]