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Product datasheet for RC208079

DENND4A (NM_005848) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DENND4A (NM_005848) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DENND4A
Synonyms:	IRLB; MYCPBP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC208079 representing NM_005848
Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>RC208079 representing NM_005848
Red=Cloning site Green=Tags(s)

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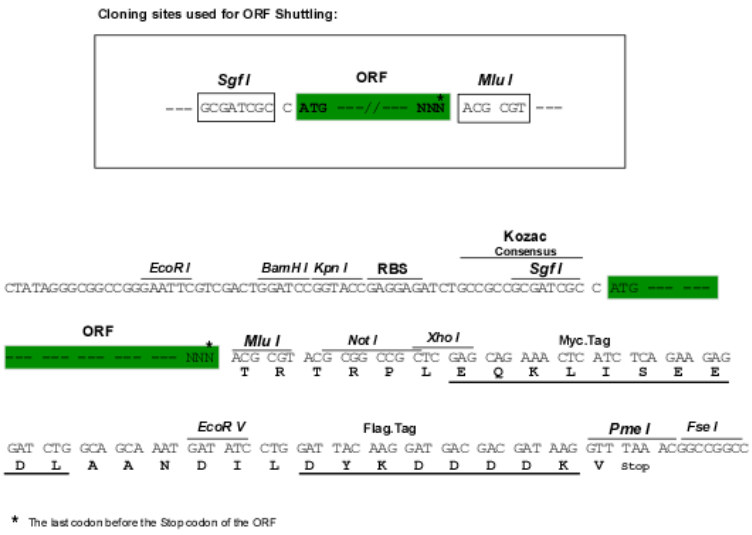
Restriction Sites: SgfI-MluI

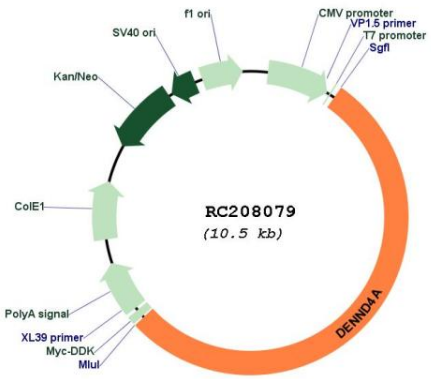
Cloning Scheme:



ACCN:	NM_005848
ORF Size:	5589 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:	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:	NM_005848.4
RefSeq Size:	7205 bp
RefSeq ORF:	5592 bp
Locus ID:	10260
UniProt ID:	Q7Z401
Cytogenetics:	15q22.31
MW:	209.2 kDa
Gene Summary:	This gene encodes a DENN domain-containing protein that may function as a guanine nucleotide exchange factor that specifically activates ras-related protein Rab-10. This protein also contains a interferon stimulated response element-binding domain and may be involved in regulating the v-myc avian myelocytomatosis viral (MYC) oncogene. Alternate splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 8. [provided by RefSeq, Mar 2016]

Product images:



Circular map for RC208079