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Product datasheet for RR208846

Cd3e (NM_001108140) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Cd3e (NM_001108140) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Cd3e

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide Sequence:

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>RR208846 representing NM_001108140
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCAGTGGAACGCTTTCTGGAGCATCCTGGGCCTCAGCCTCCTAGCAGTTGGCACTTGCCAGGAAGAGT
ATGAAGTCTCCATCTCAGGAACCAGTGTAGAGCTGACGTGCCCTCTAGAGAATGAGGACAACTTAAAGTG
GGAGAAAAATGACAAAGTCCTGCCTGATAAGAATGAGAAACACCTGGTGCTAGAGGATTTCTCGGAAGTC
AAGGACAGTGGTTACTATGTCTGCTACACAGAAAGCTCAAGGAAAAACACGTACCTGTACCTGAAAGCCA
GAGTGTGCGAGAACTGCATGGAGGTGGACCTGACAGCAGTATCCATAATCATCATTGTTGACATCTGCAT
CACTCTGGGCTTGCTGATGGTCGTTTATTACTGGAGCAAGAAAAGGAAGGCCAAGGCCAAGCCTGTGACC
CGAGGAACTGGTACTGGTGGCAGGCCCAGAGGTAAAGCCCAGGGGCAAAACAAGGAGCGGCCGCCACCTG
TTCCCAACCCAGACTATGAGCCCATCCGAAAAGGCCAACGGGACCTGTATTCTGGCCTGAATCAGAGAGC
AGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Protein Sequence:

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>RR208846 representing NM_001108140
Red=Cloning site Green=Tags(s)

MQWNAFWSILGLSLLAVGTCQEEYEVSISGTSVELTCPLENEDNLKWEKNDKVLPDKNEKHLVLEDFSEV
KDSGYYVCYTESSRKNTYLYLKARVCENCMEVDLTAVSIIIIVDICITLGLLMVVYYWSKKRKAKAKPVT
RGTGTGGRPRGKAQGQNKERPPPVPNPDYEPIRKGQRDLYSGLNQRAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: SgfI-MluI

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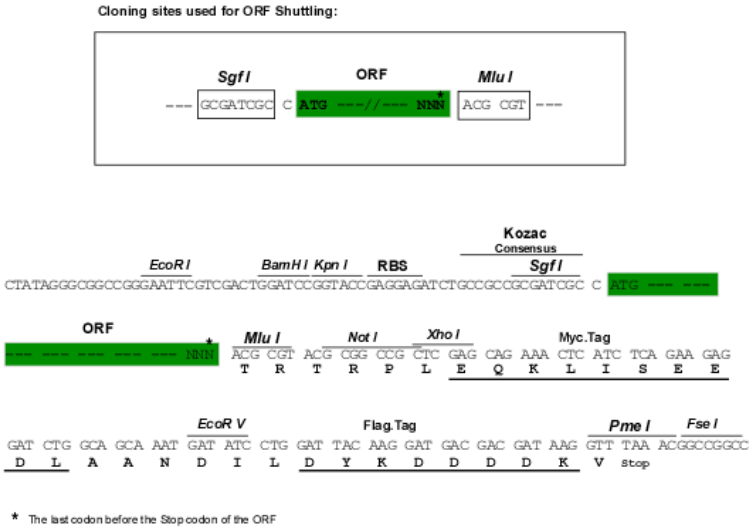
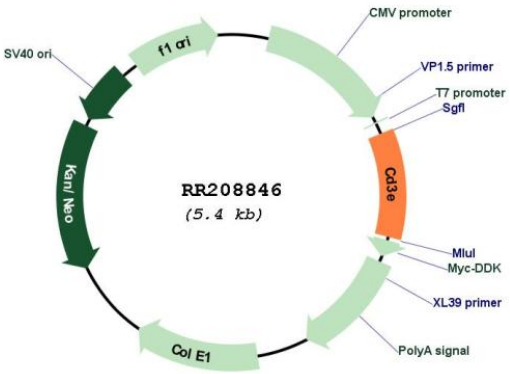
Cloning Scheme:



Plasmid Map:



ACCN:	NM_001108140
ORF Size:	564 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.

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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_001108140.1, NP_001101610.1
RefSeq Size:	1027 bp
RefSeq ORF:	567 bp
Locus ID:	315609
Cytogenetics:	8q22
MW:	21.3 kDa

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