

## 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  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RR208846 representing NM\_001108140  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGCAGTGAACGCTTTCTGGAGCATCCTGGGCCTCAGCCTCCTAGCAGTTGGCACTTGCCAGGAAGAGT  
 ATGAAGTCTCCATCTCAGGAACCAAGTGTAGAGCTGACGTGCCCTCTAGAGAATGAGGACAACCTAAAAGTG  
 GGAGAAAAATGACAAAGTCTGCCTGATAAGAATGAGAAACACCTGGTGTAGAGGATTTCTCGGAAGTC  
 AAGGACAGTGGTACTATGTCTGCTACACAGAAAGCTCAAGGAAAAACACGTACCTGTACCTGAAAGCCA  
 GAGTGTGCGAGAAGTGCATGGAGGTGGACCTGACAGCAGTATCCATAATCATCATTGTTGACATCTGCAT  
 CACTCTGGGCTTGTCTGATGGTCTGTTTACTGAGCAAGAAAAGGAAGCCAAGGCCAAGCCTGTGACC  
 CGAGGAACTGGTACTGGTGGCAGGCCAGAGGTAAGCCAGGGGCAAAACAAGGAGCGGCCGCCACCTG  
 TTCCCAACCCAGACTATGAGCCATCCGAAAAGGCCAACGGGACCTGTATTCTGGCCTGAATCAGAGAGC  
 AGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR208846 representing NM\_001108140  
Red=Cloning site Green=Tags(s)

MQWNAFWSILGLSLLAVGTCQEEYEVSIISGTSVELTCPLENEDNLKWEKNDKVLDPKNEKHLVLEDFSEV  
 KDSGYVVCYTESRKNLYLKLARVCENCMEVDLTAVSIIIVDICITLGLLMVVYYWSKKRKAKAKPVT  
 RGTGTGGRPRGKAQGNKERPPVPPNDYEPYIRKQORDLYSGLNQRVAV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI



**Cloning Scheme:**


**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.

**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

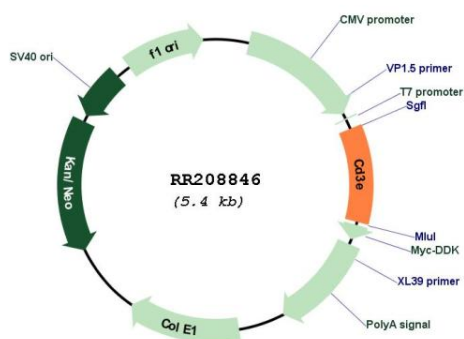
**RefSeq ORF:** 567 bp

**Locus ID:** 315609

**Cytogenetics:** 8q22

**MW:** 21.3 kDa

Product images:



Circular map for RR208846