

Product datasheet for **RN211686**

Cd3eap (NM_001109416) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd3eap (NM_001109416) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd3eap
Synonyms:	RGD1305916
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211686 representing NM_001109416
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGGTACCTCGGCCTGTGGTGCCACTCGGTTCTCCTGCCACCCCACTTCACGGCGATGTCTCCAG
 ACTCGGATCCCCCGTTTCTCCTTGGAGGCGCTTACAGGTCCAGATACGGAAGTGTGGCTTATCCGAGC
 CCCTGCAGACTTCGCCCCACAATGCCTCAATGGGCGGCGTGTGCCTCTCTCTGGCTCCAAGACTGTTAAG
 GGCAAAGTGGACGGCAAGAAGCACCGATACCGGGTGTACCAGCGGCCCCAGGCTGGGAAGCCACCT
 TGCTCATGTCTTCAATGGAGGCAGGTGGCAGGCTCGCCTGTGCCCTGCCCAACGGAAGCTTAAGGAT
 CATGGAGGGTCTCAGGAATATCTTATCTCTCGGGTCCCCCTGCAGCCGATCCCCACAAGCTGCCACCT
 CAGATCCCTGCTGGCCTGCGGCCTCGTCTCTGCCTTCGGAGGTAGCCCTCCTGTCACAGGGCCGGTT
 CAGCCTCGGTTCTGAGGTCCCCACTTCAGGGAAGAGGAAAAAGAGAAAGGATGCAGAGGCCTCAGA
 CACTCAGGAGGCTGTGAACAGGCACGAGGCCATGAAAGTGGAAACAGCCTGGGGTACCTAGGAATGGAT
 GTGAAGAAGAAGAGAAAGAGGCATCATGTGGATGAGGAGGCAGAGGCTAAGGGGATGGAGCCGCTGGCCG
 AGCTGGCCGAGCTGCCAGTCCCCCTCGCCACCGGCAGCAAGAAGAGGAAGAAGTCCAAGGGGGCAGAGAC
 ACTCCAGGCGGAAGAGGATCCGGGGCACATGGAACCCGTGGCTCAGACAGAGCCTCCTGAGGGGCCCTTC
 CTGTCTCCACCAAAAAGAGAAAGAGGCAGAAGCAAGCTGAAGGGGCAGAGGAAGTGGATGGCACCATGG
 CTGACTCTCAGCCACAGGTCCTGTGGAACCCACGAGGAAACCACTACTACTGTCCCCCAAAAAGAGAG
 GAAAAAGAAAAGAGACAGAATTTGGTGATGGAGGCAGAGATGGGCCTCCCTGGAGTGCTCATGGAGACG
 GAGCTTTTAGAACCAGGGCTTCAGGCTGAAGTAGCTCCTGTGTCCCCAAGAAAACAAAAGAAAGAAAA
 AGGGGAAGTGTGGATGAGGCACTGGCCTTGGCAGCAGAGGTGACAGAGGCTGCCTCCAGCTGATTT
 TGAGCCCCAGGGGCTCCAGTACCCAGCAAGAAAAAGAGAGAGGACAGAAAGCAACAGAGCCTGGGTCT
 GAGGTGACTGACCAAGACAATCTGAGGAACCAGAGCCAGGGCAGGTCAGGGATCCCCAAGAAGAAGA
 AAAAGAAGGATCAGGAAAGTAGGGTACAAAACACCATTCCCCACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001109416
- Insert Size:** 1377 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_001109416.1](#), [NP_001102886.1](#)
RefSeq Size: 2040 bp
RefSeq ORF: 1377 bp
Locus ID: 680493
Cytogenetics: 1q21