

Product datasheet for **RN207964**

Cd2ap (NM_181475) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cd2ap (NM_181475) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cd2ap
Synonyms:	CMS
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207964 representing NM_181475
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTGACTATATTGTGGAGTATGACTACGGTGTCTACATGATGATGAGTTAACTATCCGAGTTGGG
 AAATCATCCGAAATGTGAAAAAAGTACAGGAAGAAGGATGGCTAGAAGGAGAACTAAATGGGAGACGAGG
 GATGTTCCCTGACAATTTTGTAAAGAAATTAAGAGAGACAGAACCCAAAGGATGACAATTTGCCATT
 AAACGGGAAAGGCCTGGAAATGTCGCGAGTCTGGTCCAGCGAATCAGCACCTACGGACTTCCAGCTGGAG
 GGATTCAGCCACCCACAAACCAAGCTATGAAGAAGAAGACAAAAAGCGTCAGTGTAAAGTTCTTTT
 TGAGTACTCTCCAAAAATGAAGACGAAGTGAAGTACCGTGGGGGATGTCATTGATGTCATTAAGAG
 GTAGAAGAAGGCTGGTGGAGTGAACCCGAACAATAAGTTGGGACTGTTCCCTCAAACCTTTGTAAAG
 AATTAGAGTCCACAGATGATGGTAAATGCACGACGCTCAGGAGGAATCAGAAGTTCTTTGACTGGCC
 TACCTCACCTATGCCATCTCCGGGAATGGGAGTGAACCGCTCCTGGATCAGTTACACAGCCAAAGAAG
 ATCCGAGGAGTTGGATTTGGAGACATTTTGAACAAGGCTCTGTGAAACTTAGGACAAGAAGTCCAGTA
 GTGAAACAGAGGAGAAGAAATCAGAAAAGCCTTAATTCTACAGTCACTGGGCTCTAGAACCAGAAATG
 GGAGGTAACAAAACAGACATAGATGGCAAGATTAAGCTAAGGAATATTGCAAAACAGTATTTCCCTAT
 ACAGGAACCAATGAAGATGAAGTACGTTTAGAGAAGGGGAGATAATCCATTTGATAAGTAAAGGAGACTG
 GAGAAGCAGGCTGGTGGAAAGGTGAAGTGAATGGTAAAGAAGGAGTGTTCAGATAACTTTGCTGTTCA
 GATAAGTGAAGTGAATAAGACTTTCCAAAACCAAGAAACCACTCCTCCTGCAAAAGGTCAGCTCCA
 AAACCTGACCCGTTAGCTGGAGAGAAGAAGACCTTCTCTGAAGCGGAAAGACAGAGATGAAAAATCAC
 TGCTAGAACAGAAACCTTCTAAACCAGCTGCTCCTCAAGTCCCACCCAAAAGCCTACTCCACCTACCA
 AGCCAATAATTTACTGAGGTCTCCTGGAACAATGTACCCAAAGCGGCCGAAAAGCCAGTTCTCCTCCA
 CCTCCAACAGCCAAAATTAATGGAGAAGTATCTACAATTTCTTCAAAGATCGATACTGAGCCCTTATCAA
 AACCAAAGCTAGATCCTGAACAATTGCCGTTAGACCAAAGTCAGTAGACCTTGATGCCTTGGTAGCCAG
 GAAGTCAAAGAAACAGATAATGTAATTTTGTGACATAGCTTCTCAGAGAAGTGTACATCTCACT
 GCAATAGACCCAAAGATGCCTGGAAGAAGATTGCCTGGCCGTTCAATGGTGGACATTCTCAACCCAGA
 GCCCAGAAAAACCTTGAAGCTCCAAAAGATGATGATAGTGGCAACATAAAGCCGTCGGAGTTAAAGAA
 GGATGCAGGCTACTCTTCAAAGCCATCTCTTTCAGCACCTCAAGTGTCTCTAAAGTAAATACAGCTGCT
 TTCTAAGTCCATTAGAGCTCAAAGCTAAAGTAGAAGCCGATGATGGGACAAAAGCTCCTGGATGAAC
 TTAGAGCCAGATTACTGAATTACTGTGATTGTAGATGACTGAAAAGGATCATGGGAAAGAAGTGGAA
 AAGCTACGCAGAGAAGTAGAAGAAGAGAAGGCCATGCGAAGTAACTAGAGGTGAAATAGCAAAGCTC
 AAGAAAGCTGTTCTGTTGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_181475
- Insert Size:** 1914 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_181475.2](#), [NP_852140.1](#)

RefSeq Size: 1974 bp

RefSeq ORF: 1914 bp

Locus ID: 316258

Cytogenetics: 9q13