

## Product datasheet for RN207002

### Adnp2 (NM\_001127373) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adnp2 (NM_001127373) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adnp2
Synonyms:	RGD1308279
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207002 representing NM_001127373 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTTTCAAATCCTGTGCAGAATCTTGACAACATCAGAAAGGTGCGGAAGAGGGTCAAAGGCATCCTTG  
TGGACATTGGACTTGACAGCTGCAAGGAGCTGCTGAAGGATCTTAAAGCCTTTGATCCGGGAGAGAAGTA  
CTTTTGAATACATCGTGGGAGATGTTTCTCTTTGGAACTTCTGGAAAGAGAGCGAAATACAGAACA  
AAGCCCTACTGCTGTAGTCTCTGCAGGACTCAACGAAGGTGCTCACCTCCCTCAAAAATCACCTGCACC  
GATACCACGAAGAGGAGGCTGACCAGGAGCTCATGATCCCCTGCCCAACTGCCGTTTGCCTCTCAGCC  
CAAGTTGTGGCAAGCACTTCAAGATGTTCCACGCGCCTGCGCGAAAGTCCAGAGCTACACAGTGAAC  
ATCCTGGGTGAGGCGAAGACTTCAAGGAGTGATGTGATAAGCTTACATGTTTAAATGTAACCTTTCAA  
ACACTCTGACTACAGCATGAAGAAGCATGTGCTGGTGGCCATTTAATTACTTAATTAACCTCCTACTT  
TGGATTGCGAACTGAGGAAACAGGAGAACAACCGAAAGCAAGTATCCAGTTTCTGTGGATAAAGCCCTG  
CCATTTGACAAGTACTACTGTAAAAATGCAGCGCCATCGCCAGTAGTCAGGATGCCCTGATGTATCACA  
TTCTGACATCAGATGCACATAGGACTTGGAGAATAAGCTGAGGTCTGTTATCTCAGAGCACATCAAGAG  
GACCGGGTTTCTGAAGCAAATGCATATTGCTCCAAAGCCAGTGACCCACATAGCTTTACCGCCAAACAGC  
AGTGCTCCGAGCATTGCAGCCCCCTCCTCCTTGTCCAGTTGCTTTGCCACAGAACAGTCAAAGTCCCG  
GCACTGTGCAGTCAGTACTGTGGCCCCAGGCACTTCTGGGAGCCTTACACACTCACACCTACCACGGC  
CCAGTCTCATGTAGCTCTGGTCTCCAGCTCTTGCCTGTGTGCCAGAGTAGCCTCACCTGCAGCAGTCC  
GCTCCCCACCTGTCTTCTCTCTCACAGTGTCCCACTGAGTCAGCCCGTCAGTACTTCTGTGCTGCCTC  
TCACTCAGCCACTTGGGCTGTGAATAAGTCTGTTGGAACAAGCCTCCTCCCTGTGAACCAAGCCATGTG  
CTCCGTGAACCAAGCTGTCCGCCCTGGAGTTTACCCCTCCTAAGCCCATGGGGCCATAAACAGACCT  
GTGGGCCCTGGTGTCTTGCCTGTGGTCCCTCTGTTAACTCAGGGTTTCTCCAGGCTACATCTCCTGGG  
TGATTTCTGTAGGTCGAGCAGTCCATCAGGAGTCTTCTGCAGGTGAGTCCCTGCTGGTGTGAT  
CCCTGGGCAGACAGCCACTTCCGGGTCTTACCCACTGGCCAGGTGGTCCAGTCGTAGTCTCCTGTT



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GGCCAGACAGCGCCATCTCGAGTTCCTCCCTCTGGCCAGACAGTGCCCTTGAGGGTTCTCCCTGCAGGCC  
 AGGTGGTACCGCCTGGGCTGCTTCTCCAAACCAAAGTCCCCTCGGGAGTTGTCCTGTGAATCAAGG  
 TGTGAAGTCTGGTGTCTTCAGCTCAGTCAGCCAGTAACACCAGGAGTCTTCTGTGGGCCACCCGTG  
 AGGCCTGGTGTCTGCAGCTCAGTCCGTCTGTCAGCACCAGCATCCTGCCCGTGAGCCAGCCGGTGAGAG  
 CTGGAACGTCCAAAACACTACTTTCCTTACTTCAGGTTCTATTCTCAGACAGCTATTCCAAGTGGGAA  
 ACAGGTGAATGGAATCCCACCTATACGCTGGCCCCAGTGTCCGTCACTCTGCCGTGCCCTCCGCTGGA  
 GGCCCTTGACAGTCTTGGACCGCCACCCAGGTGCCAGTGCAGTTCCCTGCCCTCAAGCTCGGGCACACAGA  
 TGGGCAGCTCCTTGCCCAGCCTGCCCTCGCCACAGGTGCTAGTGAGCCCTGCCCTAGCGTGTGTTTCA  
 GGCTACCCCGCCTGTGGCAGATGCAATCAGGCACTCAGACAGGCCAAGCAGTGGAAAACATGCCAGTT  
 TGCAACGAGCTCTCCCTGCCAACGTCTACCAGGTCCACATGGAAGTGGCTCACACGCAGAGCGAGGCCA  
 AGTCCAGTGAGAAGCCTGAGCCGAAAGGCTTGTGTCATGCGCCCATTTCTGAAGTGGATGAGAGAGAA  
 GACAGTGCCTGCCTCTTGTAAAGTGCCTGGTCTCGCAGGAGGAGCTGATGCACCATTTGCTCATGCAT  
 GGCCTGGGGTGCCTGTTCTGTCCATGCACTTTTCATGATGTCGGGGCCTTGTGGAGCACAGCAGGACTA  
 AGCACCTGGGCAAGAAGAGACTGTCTATGGATTACAGTAACAGAGGTTTCCAGCTGGACTGGATGCTAA  
 TGGAACTGCTGTTCCCTCATCTCGATTTTCATACCATACTGCCACGAGAGAACTTGGAGAGCGAGAA  
 GTGTACCTGGCTATCCTTGTGGAATACACTCCAAGTCGTTGGTCCCTGTGTACGTTAAGGTGAGGCCTC  
 AGCCTGAGGTTGCACAAAGATACCTAACAGACAGAAGCTGACCTGCCCGTTCTGTTTTGGCACATTCAT  
 GGCTGCTGATGCCTACGAGCTGCATCTGAAGGAGAGGCACCATGTGCATGCCACAGTCCATACAATGCTC  
 CGGTCTCCGGCCTTAAAGTGCATCCACTGTTGTGGGGTCTACACTGGAAACATGACCTTAGGAGCCATCG  
 CTGTCCATTTGCTCCGTTGTAGAAGTGTCCAAAGGACAGCAGCTCAGACCTGCAAGCCCAGCCAGATTT  
 TATCGAGAGCAGTGAAGTGTGATGGTCAATGGGAAGTATCCCGAGTCCACCTTTCTCTGAAGAGA  
 AAGCTGCCAGAAGGCCATTTAGGGCCAGAAGAGCAGGGGGACGGGACGAGCCCCAGCTCACAGTAGACA  
 CCGATGCGAGCCAGGTTTCAGAGAAAGGGCTGAGTGTGCTTGAAGAGACAGAAGAATGAGAGCAG  
 GACAGAGGGGTACGGGGCAGTGTACTCCCTGCAGGTGTTGGCGTTAGACCCAGTAAGTATGGAAGT  
 CGTTCCTATGAGGAAAAGAAACAGTTCCCTCAGAGACTATTTTCAAGAGACCATATCCTAGTCGAAAAG  
 AAGTGGAACTACTGCTCCTCGCTCTTGTGGGTGTGGAAAATCGACGTGGCCTCGTTCCTTGGGAAAAGGAG  
 GTATATCTGCATGAAAGCAATAAAATCCCAAGCCCTCTGACTTCTGGGTTTTGATATGTCTGAGCTT  
 AAGAAATGTCAAACACAGGCTGAACCTTGTAGTGTGAGTCAGAAAACCTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001127373

**Insert Size:**

3411 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\\_001127373.1](#), [NP\\_001120845.1](#)

**RefSeq Size:** 4263 bp

**RefSeq ORF:** 3411 bp

**Locus ID:** 307236

**Cytogenetics:** 18q12.3