

## Product datasheet for **RN211402**

### Adck2 (NM\_001107855) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adck2 (NM_001107855) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adck2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN211402 representing NM\_001107855  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGTGAACCCCTGGCGTTTGTCTGTCTCAGGGTCTGCTTGTACACTTGAGATGCTTTGAGTTCGAAAGG  
 AACTTGGGCTTTCCAGACCCCTGGGATGCTCTCGAAATGCCAGATTATGTTGGTTTCTGCTAGGTGCTTT  
 ACCCAAATTCATCTCAGCCCAGGGCAGTGTGGGGAGGCGGCCCTGGCAGCTTGTGCCAGCGAAAGACT  
 CACTGGAGTAACCTGCCTGAAAATGGACTAGTGAAGGTGGCCCAAGAAGGGCCTCTGGCCCGCATATTAC  
 TGTGTCTCTGCCTAGGGCTCCGCGCTGGTGTGCTCTTGGCGAAATTCCTCCCCCTCTCTTGTACCC  
 TCTCACCTACCTGGCCCCGGCTTCTCCACCCTCTGGCTCCATCTGCTTTTCAAAGCTACAGAGACCTCA  
 GGCCCAACGTATATCAAATGGGACAATGGCCAGCACCCGGCGTGATCTTTTTAGAGGCTTTCTGTG  
 TCCAGTTCTCAAAGCTGCATGTGCAGGTGACCCCCACCCTTGGCAAGGACGGAATACTACTCCAGCA  
 GGCATTTGGGGAGGATTGGCACAGCATCTCTTTTTCGAGACCCAGGAACCTGTGGGTTCCAGTTGTGTG  
 GCCCAAGTGTACAAAGCATTGCAAAATATTTTCATTGCTGGAGAAGGGCAGAATCTGGAGACTTGGGGAGC  
 TCTCTGTCCCAGGAACCCGGGACAGTCGGGACGCAGAGAGACCCCTTTATGAAAGACTGGAGGCCCTCAGA  
 AAACCTTGCCGACGAAACATTTATAGAAAAGCTGCTTCTTCTAAAGCTGACCTTGTTAGGTGAGAAGTG  
 GGTGTGTCTCAGGCTCCTGGCCAACCACCAAGTCAGATCACCTCATCCAGTGGCAGTGAAGTGTAC  
 ACCCAGGCTTGTCTCTCAGGTGTACATAGATTTACTGCTGATGAAGATTGGAAGCCAAGCCCTGGGGCT  
 CATACCAGGAGTCAAATGGCTTAGCCTGCCTGAGATCGTGGAGGAGTTTGAAGCTCATGGTCCAACAG  
 ACAGACCTGCGCTATGAAGCTCAGAATCTAGAGCACTTTCAGCACAACTCCAGAATGATGATCTGTGA  
 AATTTCCACCCCGCTGCACCCCTCATCACTAGGGATATACTGGTGAAACATACGAAGAGAGTGTCC  
 GGTGTCCAGCTACCAGCAGGCAGGCGTTCCACCAGCCTGAAGAGGAAGATTGCACAGCTGGGGATTAAC  
 ATGCTTTTCAAATGATATTTGTGGATAACTTTGTGCATGGAGACCTACACCCTGAAACATCCTGGTCC  
 AGGGTGTGATGGAGTGTCTCAAGCCTGGAGATGCAGCAGCAGCAAGTGGATGTCTATGACACACTGGT  
 GGCTACCATAGCACCTGCCCTGTGCCACTGCGCCTGGTGTGTTGGATGCCGGCATTGTGGCAAAGTTG  
 CAGGCTTCGGACCTGAGGAATTTCCGGCAGTTTTCTGGCTGTAGCGATGGGACAGGGCCACAGAGTGG  
 CTGAGCTCATGCTGCATCATGCCAGGCCAATGAGTGAAGGATGTGAAAAGTTCAAGGCTGAGATGGC  
 TACTGGTGACCCAGGCCAGGAAGAACCCTCACACTGGAAAAGCTTCATGTTCCAGCCTCCTGTCC  
 AGTGTCTTTAAGCTACTGATGACCATAAGGTGAAGCTGGAGAGCAACTTCGCCTCCATTGTGGTGCCA  
 TCATGGTGTGGAGGGGCTCGGCCGCTCACTGGACCCCAAGTTGGACATCTGGAGGCAGCAAAACCTT  
 CCTCTCAAAGGGCCAGCATCTTCTCT**GTA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001107855
- Insert Size:** 1851 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\\_001107855.1](#), [NP\\_001101325.1](#)

**RefSeq Size:** 2508 bp

**RefSeq ORF:** 1851 bp

**Locus ID:** 312258

**Cytogenetics:** 4q22