

Product datasheet for **MC228171**

Adck1 (NM_001277297) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adck1 (NM_001277297) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adck1
Synonyms:	2610005A10Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228171 representing NM_001277297
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCAGAAAGGCTCTCAAGCTTGCTTCATGGACCAGCGTGGCTCTTGCTGCCTCCGGTGTCTACCTCT
 ACAGTAACAACACTACTTGGACCCTAATGACTTTGGCGCTGTCAGGGTGGGAGAGCTGTTGCTACGACAGC
 TGTTCATCAGTATGACTACCTCACCTCCCTGAGGAGTGTCCCATATGGCTCTGAGGAGTATTTGCAGCGT
 CGATCCCAGGTGCACCTCCGCTCTGCCAGGCGTCTCTTTGAGCTCTGCTGTGCCAACCGGGGCACTTTCA
 TCAAGGTGGGCCAGCACCTGGGGCGCTGGACTACCTGCTGCCAGAAGAGTACACCAGCACACTGAAGGT
 GTTGCACAGTCAAGCCCCACAGAGCAGCATGCAAGAGGTCCGGCAGGTATCCGAGAAGACTGGGCAAG
 GAGATCCACGATTTGTTCTGAGCTTCGATGACACCCCTCTTGGGCGAGCCTCCCTGGCCAGGTCCACA
 AGGCGGTGTTGCATGATGGTCCGACAGTGGCAGTTAAGGTCCAGCACCCGAAGGTTCAAGGCTCAAAGCTC
 TAAGGACATTCTCTGATGGAGGTGCTTGTCTGGCCGTGAAGCAACTTTCCAGATTTGAATTCATG
 TGCTGGTGGATGAAGCGAAGAAGAACCTGCCTCTCGAGTTGGACTTCCTGAATGAAGGGAGGAACGCTG
 AGAAAGTGGCCACATGCTCAGGCACTTTGACTTCTAAAGGTTCCCGAGATCCACTGGGAGCTGTCTAC
 CAAGAGGGTGTCTCTGATGGAATTTGTAGAGGGAGGTCAAGTCAACGACAGGGCTACATGGAGAAGAAC
 CAGATCGATGTGAATGAGATCTCTGCCACCTGGGCAAGATGTACAGTGAGATGATCTTTGTCAATGGCT
 TCGTGCCTGTGACCCCCACCCAGGCAACGACTGGTACGGAAGCGTCTGACACGGGCAAGGCTGAGAT
 TGTCTCTTAGACCATGGGCTTTACCAGGTGCTCACGGAGGAGTCCGCCTGGACTACTGCCATCTGTGG
 CAGTCTCTGATCTGGACTGACATGGACGGGCTGAAACAGTACAGCCAGCGCTGGGAGCTGCAGACCTCT
 ACCCACTGTTTGCTGTATGCTGACAGCCGGTCTGGGACTCAGTCAAACAGGGCATTGGGCAAGCTCC
 AGTCTCTGCTACTGAGGACTCAGAGATTCGCAATAATGCAGCCTGCTACCTGCCTGAGATCAGCCAGCTC
 CTTAACCATGTGCCTCGCCAGATGCTGCTCATCTGAAGACTAATGATCTACTCCGTAGCATTGAGACCA
 CCCTGGGCACGCGCTCCAGTGCCAGTTCCTTCTCAACATGTCTCGGTGTTGTATCAGGGCGCTGGCTGA
 ACACAAGAAGAGGGATGCCGGCTCTTTCTCAGAAGGACTCAGATATCTTTCAAGTGGGCTTTAGCCTG
 TGGCAGATCAACCTTCATGAACCTCTGCTTCGAGTGAGGGCTTGAGGCTAGCTTGTCTGGGTCTCAGCTC
 TCCTGGGCTGGTGACTCGGGCTCCACACAGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001277297

Insert Size: 1578 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001277297.1](#), [NP_001264226.1](#)

RefSeq Size: 2205 bp

RefSeq ORF: 1578 bp

Locus ID: 72113

UniProt ID: [Q9D0L4](#)

Cytogenetics: 12 D2-D3

Gene Summary: The function of this protein is not yet clear. It is not known if it has protein kinase activity and what type of substrate it would phosphorylate (Ser, Thr or Tyr).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2), as well as variants 1 and 3, encodes the longest isoform (a).