

Product datasheet for **RR214517**

Adck1 (NM_001108985) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Adck1 (NM_001108985) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Adck1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214517 representing NM_001108985
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAGAAAGGCTATCAAGCTTGCTTCGTGGACCAGCATGGCTCTTGCTGCCTCCGGGGTCTACCTCT
ACAGCAACAGCTACTTGGACCCTAGTGACTTTGGCGCTGT CAGGGTGGGCAGAGCTGTTGCTACGACAGC
TGTCATCAGCTATGACTACCTCACCTCCCTGAGGAGTGCCCATATGGCTCAGAGGAGTATTTGCAGCGT
CGATCCCAGATCCATGATTTGTTCTGAGCTTCGATGACACCCCTCTCGGGGCAGCCTCCCTGGCCAGG
TCCACAAGGCAGTATTGCATGATGGCCGACAGTGGCAGTGAAAGTCCAGCACCCAAAAGTT CAGGCTCA
AAGCTCCAAGGACATTCTCCTGATGGAGGTGCTTGTCTGGCTGTGAAGCAACTTTCCAGATTTTGAA
TTCATGTGGTGGTGGATGAAGCCAAGAAGAACCTGCCTCTCGAGTTGGACTTCTAAACGAAGGGAGGA
ACGCTGAGAAAGTGGCCACATGCTCAAGCACTTTGACTTCTAAAGGTCCCCAGATCCACTGGGAGCT
GTCTACCAAGAGGGTGTCTCCTGATGGAATTTGTGGAGGGAGGTCAGGTCAACGACAGGGCCTACATGGAG
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TGAGATTGTCTCTGGATCATGGGCTCTACCAGGTGCTCAGGAGGAGTTCCGCCTGGACTACTGCAAT
CTATGGCAGTCTCTGATCTGGACCGACTTGGACAGAGTGAATATTACAGCCAGCGCCTGGGGGCTGCAG
ACCTCTACCCACTGTTTGCTGTATGCTGACCGCCGGTCTTGGGCTCAGTCAAACAGGGCATTGGGCA
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CAGCTCCTTAACCATGTGCTCGCCAGATGCTGCTCATCTGAAGACCAACGATCTACTCCGAGCATCG
AGACCACCTGGGCACCGGTCCAGCGCAGTTCTTCTCAACATGTCTCGGTGTTGTATCCGGGGCGT
GGCTGAGCATCGGAAGAGGGATGCCGGCTATTCTT CAGAAGGACCCAGATATCTTT CAGTGAGGCTTC
AGCCTGTGGCAGATTAGCCTTCATGAATCTGCTTCGAGTGAAGGCCTTGAGGCTAGCTTGTGGGTCT
CAGCTCTCTGGGCTGGCTGACTCGGGCTCCATAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR214517 representing NM_001108985
 Red=Cloning site Green=Tags(s)

MARKAIKLASWTSMLAASGVLYSNSYLDPSDFGAVRVGRAVATTAVISYDYL TSLRSVPYGSEEYLQR
 RSQIHDLFLSFDDTPLGAASLAQVHKAVLHDGRTVAVKVQHPKVQAQSSKDILLMEVLVLAVKQLFPDFE
 FMWL VDEAKKNLPLELDFLNEGRNAEKVAHMLKHFDLKVQIHWELSTKRVLLEMFVEGGQVNDRAYME
 KNRIDVNEISCHLGKMYSEMI FVNGFVHCDPHPGNVLVRKRPDTGKAEIVLLDHGLYQVL TEEFRLDYCN
 LWQSLIWTDLDRVKYYSQRLGAADLYPLFACMLTARSWASVKQIGQAPVSATEDSEIRNNAACYLPEIS
 QLLNHVPRQMLLILKTNLLRSIETTLGTRSSASSFLNMSRCCIRALAEHRKRDAGSFFRRTQISFSEAF
 SLWQISLHELLLRVKALRLACWVSALLGWLTRAPY

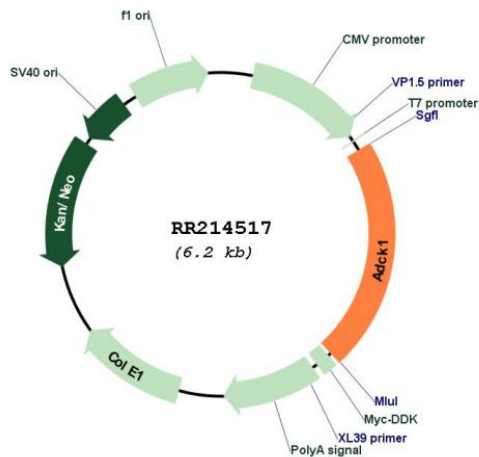
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001108985
ORF Size:	1365 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001108985.1 , NP_001102455.1
RefSeq Size:	2080 bp
RefSeq ORF:	1368 bp
Locus ID:	366698
Cytogenetics:	6q31
MW:	51.7 kDa