

Product datasheet for **MC219355**

Adck5 (NM_172960) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adck5 (NM_172960) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adck5
Synonyms:	A230108P17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219355 representing NM_172960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGGCGGCCGATGCGACTGTGCTCACTTCCACTCTACCTGCTGCAGAGCAGGCAGAAGCCTGGCCGT
 GCCTGCCATATTCTTCAGGAGAACTTCAAGAGCCACCAGCAAGGACCTCAAGAGCCAGGCTGCTGTG
 GAGGCGGGCACTCTCTGCCACTGTGGTGGGACACCCCTTCTACTTGGAGCCTACTACTTTCATGGCAGAG
 GCATCGGAGAGGAGGAAGCTGCGACTTGCAGTCGATGGTATCGGGCGCTTTGGCAGGTCTGTGAAGATTG
 GTTTGTTTCATCTCCACGGACTACTGGTGGTGCACAAACGTTGCTTTCGAGGAGTGAAGAGAACAGCCC
 GAAGTATGTGGAGATCATGTCTGCCTGTACCAGCGTGCAGCTGACACCCCTGGTGGCTGGAGCCATCCGC
 AACGGGGCCCTCATGTAAACTGGGCCAAGGGCTGTGCTCCTCAACCACCTGTGCCGACAGAGTACA
 TCCAGACGCTGCGTGTGCTGGAGGACAAGGCCCTCACTCGGGCTTCCGGGAGGTGGATGAGTTGTTCTCT
 TGAAGACTTCCAGGCACTCCCTAATGAACCTTCCAGGAGTTTACTATGAGCCGATGGCTGCTGCAAGC
 CTGGCTCAGGTGCACCGTCCAAGCTACACGATGGCACTGATGTAGCTGTAAAGGTACAGTACATTGACC
 TACGAGACCGCTTTGACGGAGACGTGCAGACCTTGGAGCTCCTGCTGCGGCTCGTGGAGCTCATGCACCC
 CAGCTTCGGCTTCAGCTGGGTCCTACAGGACCTGAAGGGGACCCTGGTCCAGGAGCTGGACTTCGAGAAT
 GAGGGCCGAAATGCTGAGCGCTGTGCTCAGGAGCTAAAGCACTTCCACTATGTTGTTATCCCTCGGGTGC
 ACTGGGACAGGTCCAGCAAGCGGGTGTGACAGCTGACTTCTGTAATGGCTGTAAGGTGAATGACATGGA
 GGGCATCAAGAGTCAGGGCTGGCAGTGCAGGATGTAGCAAAGAAGCTGATCCAGACCTTGGTGAACAG
 ATCTTCCACACTGGCTTCATTCACTCTGACCCCAACCCTGGCAATGTTCTGGTGGGAAAGGTCCAGATG
 GAAAGGCAGAGCTGGTGTCTCTGGACCACGGGCTCTACCAGTTCCTGGACGAGAAGGACCGATCCCTCCT
 CTGCCAGCTGTGGCGGGCCATCATCCTGAGGGACAATGCTGCAATGAAGAAACATGCAGCTGCACCTTGGG
 GTCCAAGACTACATGCTCTTCTCTGAGGTGCTCATGCAGCGACCAAGTACGCTGGGCCAACTGTGGGGTT
 CCCACCTGATCAGCCGGGAGGAGGCGGCCTACATGCAGGACATGGCCCGTGAACACTTTGATGGCATAAT
 GGAAGTGTCAAGGCATTGCCACGGCCTATGCTGCTAGTGTGCGAAACATCAACACAGTGCAGCCATC
 AACTCGAACCTGGGACCCCTGTGACCGCTACTTCTCATGGCCAAGAGTGTGCTGTGGGGTTGGAGCC
 GCCTGGTGGTGCAGCGTACCAAGGCATTTACGGCAGCAGCCTCCTGCGCCACATCAAGGTCTCTGGGA
 GGCATTAAGTTTGAAGTGGCCCTGAGGCTGAAATCCTAGCCATGCGGCTCACCGCCCTCATGCTGCGT
 GTTCTGGTCCGCTGGGCTTTGCCCAAGGCTGAGGCCGAGGAGTCTATCAGTACCTGGAGAT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_172960
- Insert Size:** 1749 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_172960.3](#), [NP_766548.2](#)

RefSeq Size: 2052 bp

RefSeq ORF: 1749 bp

Locus ID: 268822

UniProt ID: [Q80V03](#)

Cytogenetics: 15 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 (1) represents the longer transcript and encodes a functional protein.