

## Product datasheet for **MG208426**

### Adck1 (NM\_028105) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adck1 (NM_028105) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Adck1
Synonyms:	2610005A10Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>MG208426 representing NM\_028105  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCAGAAAGGCTCTCAAGCTTGCTTCATGGACCAGCTGGCTCTCGTCGCTCCGGTGTCTACCTCT  
 ACAGTAACAACACTACTTGACCCTAATGACTTTGGCGCTGTCAGGGTGGGAGAGCTGTTGCTACGACAGC  
 TGTTCATCAGTATGACTACCTCACCTCCCTGAGGAGTGTCCCATATGGCTCTGAGGAGTATTTGCAGCGT  
 CGATCCCAGGTGCACCTCCGCTCTGCCAGGCGTCTCTTTGAGCTCTGCTGTGCCAACCGGGGCACTTTCA  
 TCAAGGTGGGCCAGCACCTGGGGCGCTGGACTACCTGCTGCCAGAAGAGTACACCAGCACACTGAAGGT  
 GTTGCACAGTCAAGCCCCACAGAGCAGCATGCAAGAGGTCCGGCAGGTATCCGAGAAGACTGGGCAAG  
 GAGATCCACGATTTGTTCTGAGCTTCGATGACACCCCTCTTGGGCGAGCCTCCCTGGCCAGGTCCACA  
 AGGCGGTGTTGCATGATGGTCCGACAGTGGCAGTTAAGGTCCAGCACCCGAAGGTTCAAGGCTCAAAGCTC  
 TAAGGACATTCTCTGATGGAGGTGCTTGTCTGGCCGTGAAGCAACTTTCCAGATTTTGAATTCATG  
 TGCTGGTGGATGAAGCGAAGAAGAACCTGCCTCTCGAGTTGGACTTCCGAATGAAGGGAGGAACGCTG  
 AGAAAGTGGCCACATGCTCAGGCACTTTGACTTCTAAAGGTTCCCGAGATCCACTGGGAGCTGTCTAC  
 CAAGAGGGTGTCTCTGATGGAATTTGTAGAGGGAGGTCAGGTCAACGACAGGGCTACATGGAGAAGAAC  
 CAGATCGATGGAATGAGATCTCTGCCACCTGGGCAAGATGTACAGTGAGATGATCTTTGTCAATGGCT  
 TCGTGCCTGTGACCCCCACCCAGGCAACGTACTGGTACGGAAGCGTCTGACACGGGCAAGGCTGAGAT  
 TGTCTCTTAGACCATGGGCTTTACCAGGTGCTCACGGAGGAGTCCGCCTGGACTACTGCCATCTGTGG  
 CAGTCTCTGATCTGGACTGACATGGACGGGCTGAAACAGTACAGCCAGCGCTGGGAGCTGCAGACCTCT  
 ACCCATGTTTGCCTGTATGCTGACAGCCCGTCTGGGACTCAGTCAAACAGGGCATTGGGCAAGCTCC  
 AGTCTCTGCTACTGAGGACTCAGAGATTGCAATAATGCAGCCTGCTACCTGCCTGAGATCAGCCAGCTC  
 CTTAACCATGTGCCTCGCCAGATGCTGCTCATCTGAAGACTAATGATCTACTCCGTAGCATTGAGACCA  
 CCCTGGGCACGCGCTCCAGTGCCAGTCCCTTCTCAACATGTCTCGGTGTTGATCAGGGCGCTGGCTGA  
 ACACAAGAAGAGGGATGCCGGCTCTTTCTCAGAAGGACTCAGATATCTTTCAAGTGGGCTTTAGCCTG  
 TGGCAGATCAACCTTCATGAACTTCTGCTTCGAGTGAGGGCTTGAGGCTAGCTTGTGGTCTCAGCTC  
 TCCTGGGCTGGTGACTCGGGCTCCACACAGAATG

**ACGCGTACGCGGCCGCTCGAG** - GFP Tag - GTTTAA

**Protein Sequence:**

>MG208426 representing NM\_028105  
 Red=Cloning site Green=Tags(s)

MARKALKLASWTSVALAASGVVLYSNNYLDPNDFGAVRVGRAVATTAVISYDYL TSLRSVPYGSSEYLQR  
 RSQVHLRSARRLFELCCANRGTFIKVGQHLGALDYLLPEEYTLKVLHSQAPQSSMQEVRQVIREDLGK  
 EIHDLFSLFDDTPLGAASLAQVHKAVLHDGRTVAVKVQHPKVQAQSSKDILLMEVLVLAVKQLFPDFEFM  
 WLVD EAKKNLPLELDFLNEGRNAEKVAHMLRHDFLKVPIHWELSTKRVLMEFVEGGQVNDRAYMEKN  
 QIDVNEISCHLGKMYSEMIFVNGFVHCDPHPGNVLRKRPDTGKAEIVLLDHGLYQVLTEEFRLDYCHLW  
 QSLIWTMDGLKQYSQRLGAADLYPLFACMLTARSWDSVKQIGQAPVSATEDSEIRNNAACYLPEISQL  
 LNHVPRQMLLILKTNLLRSIETTLGTRSSASSFLNMSRCCIRALAEHKKRDAGSFFRRTQISFSEAFSL  
 WQINLHELLLRVRLRLACWVSALLGWLTRAPHRM

**TRTRPLE** - GFP Tag - V

**Restriction Sites:**

Sgfl-MluI



<b>ACCN:</b>	NM_028105
<b>ORF Size:</b>	1575 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_028105.3</a> , <a href="#">NP_082381.1</a>
<b>RefSeq Size:</b>	2287 bp
<b>RefSeq ORF:</b>	1578 bp
<b>Locus ID:</b>	72113
<b>UniProt ID:</b>	<a href="#">Q9D0L4</a>
<b>Cytogenetics:</b>	12 D2-D3
<b>Gene Summary:</b>	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]