

Product datasheet for **RC221524**

ADAD2 (NM_139174) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAD2 (NM_139174) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ADAD2
Synonyms:	TENRL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC221524 representing NM_139174
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTTCGGCTTCTCAGGGCGCTGACGACGACGGCAGTCGTAGGAAGCCCCGCCTGGCTGCATCGTTGC
 AGATCAGCCCCCAGCCCCGCCCTGGCGACCGCTACCCGCCAGGCCAAAGTGCCTGGGGGCCCGGCC
 CGCGCCCGCAGCTATCGCGCGGAGGGCGGGTGGCCCCAGGTCTCGGTGTTGAGGGACAGTGGGCCTGGG
 GCAGGGGCCGGAGTCGGGGAAGTGGGGCAGCCGGGCGTGGGAAAATTGGGGGAACAGATGGGGAAGG
 CCCCAGGGTCCCTGTGCCCCAGCAGGGCTCAGCCTGCCGCTCAAAGACCCACCTGCCAGCCAGGCCGT
 GTCCTTGCTCACGGAGTACGCGGCCAGCCTGGGCATCTTCTGCTCTTCCGGGAGGACCAGCCACCAGGA
 AAAGTGTCAAATATAGAGCCCCTGGAGGAGAGGAATTGAAAGCAATGTGTCTGTGGCAGGTGGAAGTGC
 TCAGAGCCTTCTCTGAGAACAGGGTGGCGTGGGCTCTGGAGAGGGGACCTGGATTTGGTCTCTGACTC
 AAGTTGGGCAAACCGCTGCCGTTTCTGCTCATCTGTGAAATGGAGTCACGCATCCCTGCTGTGGAGGAG
 TTGGGTCCCTGCTTCCCCTTCTCGGTGAGCGCGGAACTGGATGGGGTGGTCTGCCCTGCCGGCACTGCGA
 ATAGCAAGACGGAGGCCAAACAGCAGGCAGCGCTCTGCCCCTGCTACATCCGGAGTCAGCTGGAGAA
 CCCAGAGTCCCCCAGACCTCCAGCCGGCTCCACTGGCCCCCTGAGCGTAGAGAAATCCTGACCCAT
 GAGCAGCGCTGCGCAGCGTTGGTGGAGCGCGGCTTTGACCTCCTGTTGGACGAGCGCTCGCCATACTGGG
 CCTGTAAGGGGACTGTGGCTGGAGTCATCTGGAGAGGGGCTGGGCCGTCTTCCCCCTCTGCACAGA
 GATCCCGCTGCCAGGGGCCACGTGAAGGAGATCTACAAGCTGGTGGCTCTGGGCACCGGCAGCAGCTGC
 TGTGCTGGCTGGTGGAGTTCTCGGGCCAGCAGCTCCACGACTGCCATGGCTGGTATCGCCCCGAGGG
 CCCTGCTGAGGTTCTTGTCCGGCAGCTCCTGCTGGCCACACAGGGGGGCCCAAGGGCAAGGAGCAGTC
 CGTGCTGGCCCCCAGCCAGGGCCCGGACCCCAATCACCTCAAGCCCCGCGTCTTCTGCACCTCTAC
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 ACAGCCCACCCATGCGCCTGCAGGCCATGTGCTCGGGCAGTGAAGCCTGTGTGCTACGTGGCGCCCTC
 GCTCTGTGACACCACGTGGGCTGCCTGTGAGCCAGTACAAGCTGGCACGCTGGGCCGTGCTGGGGCTG
 GGTGGTGCCTGCTGGCCACCTGGTGTCCCACTCTACAGCACCAGCCTCATCTGGCTGACTCATGCC
 ACGACCTCCGACTCTGAGCAGGGCCATCCACACCCGGCCCTGCCTGGACAGTGTCTGGGGCCATGCCT
 GCCACCTCCCTACGTCCGACCGCCCTGCACCTGTTTGCAGGGCCCCGGTGGCCCTTCCGAACCCACC
 CCTGACACCTGCCGTGGCTGAGCCTCAACTGGAGCCTGGGGACCTGGCATCGAGTTGTGGATGTGG
 CCACCGGGCGTGTGAAGCCAATGCCGCCCTGGGGCCTCCCTCCCGTCTCTGCAAGGCCTCTTTCTCCG
 GGCTTTACAGGGCGCCAGGGCTGTGGGGAAGCCCTACCTCCTGGCCTTGAAGACCTACGAGGCTGCC
 AAGGCTGGGCCCTACCAGGAGGCTCGCAGGCAGCTGTCTCTCTCTGGACCAGCAGGGCCTGGGGGCTT
 GGCCCTCGAAGCCACTGGTGGGCAAATTCAGAAAC

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC221524 representing NM_139174
Red=Cloning site Green=Tags(s)

MASASQGADDDGSRKPRLAASLQISPQPRPWRPLPAQAQSAWGPAPAPATYRAEGGWQVSVLRDSDGPG
 AGAGVGELGAARAWENLGEQMGKAPRVPVPPAGLSLPLKDPASQAVSLLTEYAASLGIFLLFREDQPPG
 KVFKYRAPGGEELKAMCLWQVEVLRFLRLRTGWRGLWRGDLGLPDSWANRPLFLLICEMESRIPAVEE
 LGPCFPFVSVAELDGVVCPAGTANSKTEAKQQAALSALCYIRSQLENPESPTSSRPPLAPLSVENILTH
 EQRCAALVSAGFDLLLDERSPYWACKGTVAGVILERGWAVSAPSCTEIPRARGHVKEIYKLYALGTGSSC
 CAGWLEFSGQQLHDCHGLVIARRALLRFLRQLLLATQGGPKGKEQSVLAPQPQPGPPFTLKRPFVFLHLY
 ISNTPKGAARDIYLPPTSEGGLPHSPPMRLQAHVLGQLKPVYVAPSLCDTHVGCLSASDKLARWAVLGL
 GGALLAHLVSPLYSTSLILADSDHPPTLSRAIHTRPCLDSVLLGPCLPPPYVRTALHLFAGPPVAPSEPT
 PDTCRGLSLNWSLGDGPIEVVDVATGRVKANAALGPPSRLCKASFLRAFHQAAARAVGKPYLLALKTYEAA
 KAGPYQEARRQLSLLLDQQGLGAWPSKPLVGKFRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_139174

ORF Size: 1995 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:

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_139174.4](#)

RefSeq Size: 2322 bp

RefSeq ORF: 1998 bp

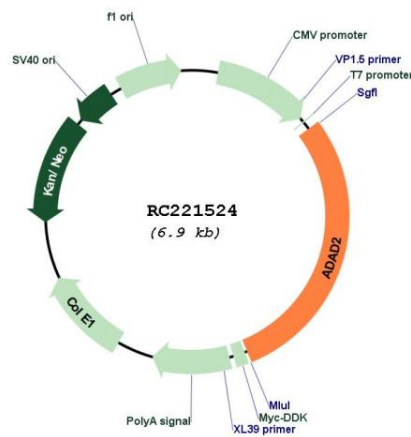
Locus ID: 161931

UniProt ID: [Q8NCV1](#)

Cytogenetics: 16q24.1

MW: 71 kDa

Product images:



Circular map for RC221524