

Product datasheet for **RC226811**

ADAD2 (NM_001145400) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ADAD2 (NM_001145400) 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:

>RC226811 representing NM_001145400
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCTTCGGCTTCTCAGGGCGCTGACGACGACGGCAGTCGTAGGAAGCCCCGCCTGGCTGCATCGTTGC
 AGATCAGCCCCCAGCCCCGCCCTGGCGACCGCTACCCGCCAGGCCAAAGTGCCTGGGGGCCCGCC
 CGCGCCCGCAGCTATCGCGCGGAGGGCGGGTGGCCCCAGGTCTCGGTGTTGAGGGACAGTGGGCCTGGG
 GCAGGGGCCGGAGTCGGGAACTGGGGGACGCCGGGCGTGGGAAAATTGGGGAAACAGATGGGGAAGG
 CCCCAGGGTCCCTGTGCCCCAGCAGGGCTCAGCCTGCCGCTCAAAGACCCACCTGCCAGCCAGGCCGT
 GTCCTTGCTCACGGAGTACGCGGCCAGCCTGGGCATCTTCTGCTCTTCCGGGAGGACCAGCCACAGGT
 CCCTGCTTCCCTTCTCGGTGAGCGCGAACTGGATGGGTGGTCTGCCCTGCGGGCACTGCGAATAGCA
 AGACGGAGGCCAAACAGCAGGCAGCGCTCTCTGCCCTGCTACATCCGGAGTCACTGGAGAACCAGA
 GTCCCCCAGACCTCCAGCCGGCTCCACTGGCCCCCTGAGCGTAGAGAATCCTGACCCATGAGCAG
 CGCTGCGCAGCGTTGGTGAAGCGCGCTTTGACCTCCTGTTGGACGAGCGCTCGCCATACTGGGCCGTGA
 AGGGGACTGTGGCTGGAGTCATCCTGGAGAGGGAGATCCCGCGTCCAGGGGCCAGTGAAGGAGATCTA
 CAAGCTGGTGGCTCTGGGCACCGGCAGCAGCTGCTGTGCTGGCTGGTGGAGTTCTCGGGCCAGCAGCTC
 CAGACTGCCATGGCCTGGTCAATCGCCCGAGGGCCCTGCTGAGGTTCTTGTCCGGCAGCTCCTGCTGG
 CCACACAGGGGGGCCCAAGGGCAAGGAGCAGTCCGTGCTGGCCCCCAGCCAGGGCCCGGACCCCCATT
 CACCCTCAAGCCCCGCGTCTTCTGCACCTCTACATCAGCAACACCCCCAAGGGCGCGGCCCGTGACATC
 TACCTGCCCCACCTCGAAGGTGGCCCTCCGCACAGCCACCCATGCGCTGCAGGCCATGTGCTCG
 GGCAGCTGAAGCCTGTGTCTACGTGGCGCCCTCGCTGTGACACCCAGTGGGCTGCCTGTCAGCCAG
 TGACAAGCTGGCAGCTGGGCCGTGCTGGGGCTGGGTGGTGGCCTGCTGGCCACCTGGTGTCCCACTC
 TACAGCACCGCCTCATCCTGGCTGACTCATGCCACGACCTCCGACTCTGAGCAGGGCCATCCACACCC
 GGCCCTGCTGGACAGTGTCTGGGGCCATGCCTGCCACCTCCCTACGTCGGACCGCCCTGCACCTGTT
 TGCAGGGCCCCGGTGGCCCTTCCGAACCCACCCTGACACCTGCCGTGGCCTGAGCCTCAACTGGAGC
 CTGGGGGACCCTGGCATCGAGTTGTGGATGTGGCCACCGGGCGTGTGAAGGCCAATGCCGCCCTGGGGC
 CTCCTCCCGTCTCTGCAAGGCCTCTTCTCCGGCCTTACCAGGCGGCCAGGGCTGTGGGAAAGCC
 CTACCTCTGGCCTTGAAGACCTACGAGGCTGCCAAGGCTGGGCCCTACCAGGAGGCTCGCAGGCAGCTG
 TCTCTCTCTGGACCAGCAGGGCTGGGGCTTGGCCCTCGAAGCCACTGGTGGCAAATTCAGAAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC226811 representing NM_001145400
 Red=Cloning site Green=Tags(s)

MASASQGADDDGSRKPRLAASLQISPQPRPWRPLPAQAQSAWGPAPAPATYRAEGGWQVSVLRDSSPG
 AGAGVGELGAARAWENLGEQMGKAPRVPVPPAGLSLPLKPPASQAVSLLTEYAASLGIFLLFREDQPPG
 PCFPFVSVAELDGVVCPAGTANSKTEAKQQAALSALCYIRSQLENPESPQTSSRPPLAPLSVENILTHEQ
 RCAALVSAGFDLLLDERSPYWACKGTVAGVILEREIPRARGHVKEIYKLVALGTGSSCCAGWLEFSGQQL
 HDCHGLVIARRALLRFLFRQLLATQGGPKGKEQSVLAPQPGPPFTLKPRVFLHLYISNTPKGAARDI
 YLPPTSEGGLPHSPPMRLQAHVLGQLKPCYVAPSLCDTHVGCLASDKLARWAVLGLGGALLAHLVSP
 YSTSLILADSCHDPPTLSRAIHRPCLDSVLGPCLPPYVRTALHLFAGPPVAPSEPTPDTCRGLSLNWS
 LGDPGIEVVDVATGRVKANAALGPPSRLCKASFLRAFHQAAARAVGKPYLLALKTYEAAKAGPYQEARRQL
 SLLLDQQGLGAWPSKPLVGKFRN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8100_c11.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001145400

ORF Size: 1749 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_001145400.2](#)

RefSeq Size: 2076 bp

RefSeq ORF: 1752 bp

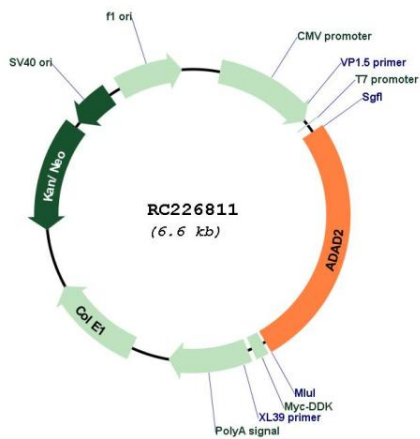
Locus ID: 161931

UniProt ID: [Q8NCV1](#)

Cytogenetics: 16q24.1

MW: 61.8 kDa

Product images:



Circular map for RC226811