

Product datasheet for **MR216974**

Amdhd1 (NM_027908) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amdhd1 (NM_027908) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Amdhd1
Synonyms:	1300019J08Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR216974 representing NM_027908
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGAGCAGCCACCGCTCTGCTGGAGAACGCACAGCAAGTGGTGTGTGTGCCCGCGCGGAGC
 GCTTCCTGACCGGTCTGCGCTGCGCAGCTGGCGGTGCTGGAGGCGCCAGCGTGGTGGTGGGCACTGA
 CGGGCTTATAAAAGCTGTTGGCCCTGCTGCTGTTATCCAAAAACAGTTTTCCGGAGAAAATTTGAAGAA
 AGAATTGATTGCTCTGGGAAATGCGTCTTGCCAGGTTTGGTGGACGCACACACATCCGGTGTGGGCGG
 GTGAAAGAGTCCACGAGTTTGAATGAAGTTGGCAGGGGCCACGTACATGGACATTCACCAGGCTGGAGG
 AGGGATCAACTTCACGGTGGAGCACACCCGCCAGGCTCGGAGGAGGAACTGTTCTGCTCCTCCAGCAG
 CGGCTGCAGTGCATGATGAGGGCTGGCACCACGCTGGTGGAGTGAAGAGCGGATATGCCCTCAACCTGG
 AGACAGAGCTCAAGATGCTGCGCGTAATCGAGCGGCCAGGCGGGAGCTGCACCTCAGCCTCTCAGCCAC
 TACTGCGGAGCTCACTCAGTACCCAAAGGAAAACAGTGAAGCTGCTGATGACATCATCAGTCAC
 CACTGCCAAGGCTGAAGGAACTCAGCAGAAAATGGGGACCTGCATGTTGACAACATAGATGTGTTCTGTG
 AGAAGGTGTCTTTGATCTGGATACCACAGAAGGATTCTGGAAGTGGAAAAAGATGGGCTTACAGAT
 CAACTTCCATGGGGATGAACTCCACCCGATGAAGGCTGCCGAGCTTGGGGCCGAAGTGGGAGCACAGGCT
 ATCAGCCACCTGGAGGAAGTCAAGCAGCAAGGCATTGCTGCCATGGCTGCCGCTCGGTGTTCTGTGTCC
 TCCTGCCACACAGCCTACATGCTGAGGCTGAAGCAGCCTCGAGCCAGGAAGATGTTAGACGAGGGTGT
 CATAGTTGCTCTGGGAGCGATTCAACCCCAACGCGTACTGCTTTCCATGCCGATGGTCATGCACCTG
 GCCTGTGTGAACATGAGAATGTCATGCCGAGGCTTGGCCGCTGCCACCATCAACGCGGCTTATGCGC
 TGGGAAAATCTCACACCCACGGATCTTTGGAAGTTGGCAAGCAGGGGACGCCATCATCAATGCATC
 CAGATGGGAACATTTGATTTACCAGTTTGAGGCCATCATGAATTAATTGATTATGTTATAACTAAAGGA
 AAAGTCATCTACAAGAAG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216974 representing NM_027908
 Red=Cloning site Green=Tags(s)

MTSSHRLLENAQQVVLVCARGERFLTGSALRSLAVLEGASVVVGTDGLIKAVGPAAVIQKQFSGETFEE
 RIDCSGKCVLPGLVDAHHPVWAGERVHEFAMKLAGATYMDIHQAGGGINFTVEHTRQASEEELFCSFQQ
 RLQCMRAGTTLVECKSGYGLNLETELKMLRVIERARRELHLSL SATYCGAHSVPKGTAVEAADDIISH
 HLPRLKELSRNGDLHVDNIDVFCEKGVFDLDTTRRILEGGKKMGLQINFHGDDELHPMKAELGAELGAQA
 ISHLEEVSDEGIAAMAAARCSAVLLPTTAYMLRLKQPRARKMLDEGVIVALGSDFNPNAYCF SMPMVMHL
 ACVNMRRMSPEALAAATINAAYALGKSHTHGSLEVGKQGDAAIINASRWEHLIYQFGGHHELIDYVITKG
 KVIYKK

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9078_g08.zip

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_027908

ORF Size: 1278 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_027908.1](#), [NP_082184.1](#)

RefSeq Size: 2421 bp

RefSeq ORF: 1281 bp

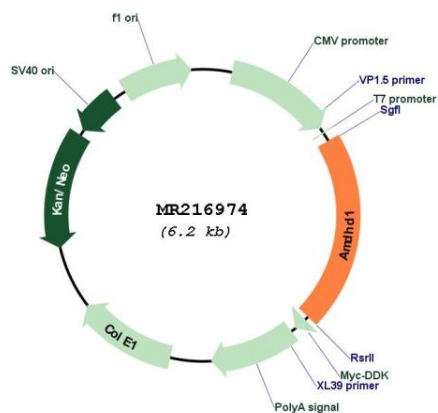
Locus ID: 71761

UniProt ID: [Q9DBA8](#)

Cytogenetics: 10 C2

MW: 46.5 kDa

Product images:



Circular map for MR216974