

Product datasheet for RN216637

Amdhd1 (NM_001191781) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Amdhd1 (NM_001191781) Rat Untagged Clone
Tag: Tag Free
Symbol: Amdhd1
Synonyms: RGD1308879
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216637 representing NM_001191781
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGAATGGCCACCGCCTCCTGCTGGAGAACGCTCAGCAAGTGGTGTGGTGTGTGCCCGGGAGAGCTAT
 ATCTGACAGGGTCTGAGCTGCGCAGCCTGGCAGTGTGGAGGGCGCCAGCCTGGTGGTGGGCACTGATGG
 GCTTATAAAAGCTGTTGGCCCTGCTGACATTATCCGAAGACAGTTTTCCGGAGAAACGTTTGAAGAAAGA
 ATTGATTGCTCTGGAAAATGCATCTTGCCAGGTTTGGTGGACGGCACACACATCCGGTGTGGGCTGGTG
 AAAGAGTCCATGAGTTTGAATGAAGTTGGCAGGGGCCACGTACATGGACATCCACCAGGCTGGAGGAGG
 GATCAACTTCACGGTGGAGCACACGCGCAAGCCTCGGAGGAGGAACTGTTCCGCTCCTTCCAGCAGCGG
 CTGCACTGATGATGAGGGCCGGCACCACACTGGTGGAGTGAAGAGCGGATATGGCCTCAACCTGGAGA
 CAGAGCTCAAGATGCTGCGTGTAAATCGAGCGTGGCCGGCGGGAGCTGCACCTCAGCCTCTCTGCCACTTA
 CTGTGGGGTCACTCAGTACCCAAAGGGAAAAGTGTGTGGAAGCTGCTGATGACATCATCAGTACCAC
 CTGCCAAGGCTGAAGGAACTCAGCGAAAAGGGGAACTGCATGTGGACAACATAGACGTTCTGTGAGA
 AGGGCGTCTTTGATCTGGATACCACAGAAGGATTCTGGAAGGTGGAAAAAGGTGGGTTACAGATCAA
 CTTCCACGGGGATGAACTCCACCAATGAAGGCCGCTGAGCTTGGGGCGGAACTAGGAGCACGGGCGATC
 AGCCACCTGGAGGAAGTCAGCGATGAAGGCATCGCTGCCATGGCTGCGGCCAGTGTTCGCTGTCTTTC
 TGCCACCACGGCCTACATGCTGAGGCTGAAGCAGCCTCGCGCCAGGAAGATGCTAGATGAGGGAGTCAT
 AGTTGCTCTGGGAGCGATTTCAACCCCAACCGTACTGCTTTTCCATGCCTATGGTCATGCACCTGGCC
 TGTGTGAACATGAGGATGTCCATGCCAGAGGCTTTGGCCGCTGCCACCATCAATGCGGCTTATGCACTGG
 GAAAGTCTCACACCCACGGATCTTTGAAAGTTGGCAAGCAGGGGGATGCCATCATCAATGCATCCAG
 ATGGGAGCATTGATTTACCAGTTTGGAGGCCATCAAGAATTAATTGATTATGTTATAACTAAAGGAAAA
 GTCATCTATAAAAAG**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA



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| | |
|-------------------------------|---|
| Restriction Sites: | Sgfl-RsrII |
| ACCN: | NM_001191781 |
| Insert Size: | 1278 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). |
| OTI Annotation: | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag. |
| 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: | <ol style="list-style-type: none">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: | <u>NM_001191781.1, NP_001178710.1</u> |
| RefSeq Size: | 1290 bp |
| RefSeq ORF: | 1278 bp |
| Locus ID: | 299735 |
| Cytogenetics: | 7q13 |