

Product datasheet for **RN212036**

Ampd3 (NM_031544) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ampd3 (NM_031544) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ampd3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN212036 representing NM_031544
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCGCGCGCCCGTGTGTGTTGGGAGGGCGGGAAGGTGATTCAAGGGACCAGTTCAACACCTGGAGAAC
 ACCAACGCTTGCTGGTTCGGTTTAGCTACCAAGACCGAGATGCCTCGCCAATTCCTCAAGTTGAACATGTC
 CGATTTGGACGAACATGTCCGGCTGTTGGCAGAGAAGGTTCGTAAGGTGCTCCGAGAAGAGGACAGC
 AAAGATGTTATGTCCCTGTTTACTGTCCCAAGGACTGTCCATCGACAGAAGGAAGCAAGGAGAGGG
 AGCTACAGAAGGAGTTGGCAGAGCAGAAGTCTGTGGAGACAGCAAAAAGAAAGAGATTCAAGATGAT
 CCGGTGCGAGTCTATGTCCCTGCAGATGCCAACACAAGACTGGAAAGGTCTCCATCTGTCAGTCCGGCC
 ATGTCTCTACAACCCCTCTGGTCTTGGAGCTGCTTCTAAGCCTGGGCTGGCACCTATGACATGCCTG
 AGTATCAGCGAGCCACCATCAGTGGAGATTACTGTGCAGGGATCACTATGGAAGACTATGAACAGGCTGC
 CAAGAGCCTGGCAAGGCCCTGATGATCCGGGAGAAGTATGCACGGCTTGCTATCACCGCTTCCCGCGG
 ACCACAGCCAGTACCTGGCTCATCAGGGGAAAGTGTGCCTTTGGAAGAGGGTCTCCAGACTTCCACC
 CTCCCCCACTGCCCCAGGAAGACCCTTATTGCCTGGACGATGCGCCCCCAACCTGGGCTACCTGGTCCG
 CATGCAGGGAGGTGTTCTCTTTGTGTATGACAATCAGACGATGTTGGAACGCCAGGAACCCACAGCCTG
 CCCTACCTGACCTGGAGACCTACATCGTGGACATGAGCCATATTCTGGCACTCATCACCATGGCCCCA
 CGAAAACCTATTGTACCGGCGACTGAACTTTCTGGAATCCAAGTTTAGCCTTCATGAGATGTTAAATGA
 AATGTCAGAGTTCAAGGAATTGAAGAGTAATCCCCACAGAGACTTTTATAATGTGAGAAAGGTAGACACA
 CACATCCATGCAGCGCCTGCATGAATCAGAAGCACCTGCTGCGTTTCATCAAGTACACATACCAGACAG
 AGCCGGACAGAACTGTGGCCGAGAAGCTCGGCCGAAGATCACCTGCGGCAGGTGTTTGACAGCCTGCA
 CATGGACCCCTACGACCTCACAGTGGACTCGCTGGATGTTTCATGCGGGCCGGCAGACATTTACGGCTTC
 GACAAGTTCAACTCCAAGTACAACCTGTGGGGGCCAGTGAGCTTCGGGACCTGTATTTAAAACTGAAA
 ACTACCTGGGGGAGAGTACTTTGCTCGCATGGTCAAGGAAGTGCCCGGAATTGGAGGACAGCAAGTA
 CCAGTACTCAGAACCCCGCTGTCCATCTATGGTGCAGTCTTAAGGAATGGTCTAGCCTGGCCCGCTGG
 TTCATTACGACAAGGTCTACTCGCCCAACATGCGTTGGATCATCCAGGTGCCGCGGATCTATGATATAT
 TTAGGTCAAAGAACTACTGCCAAGCTTTGGGAAGATGCTGGAGAACATCTTCTGCCCTTTTCCAGGC
 TACTATCAACCTCAAGACCATCGGGAGCTTACCTCTTCCTTAAATACGTGACAGGGTTTGACAGCGTG
 GATGATGAGTCCAAGCACAGTGACCACATGTTCTCAGACAAGAGCCCCAGCCAGACCTCTGGACCAGCG
 AGCAGAACCCACCTACAGTTACTACCTGTACTACATGTATGCCAACATCATGGTGTGAACAACCTCCG
 CAGGGAACGAGGCTGAGCACATTCTTGTTCGACCTCACTGTGGGAAGCCGGCTCCATCACTACCTA
 GTGTCTGCCTTCTGACTGCAGACAACATTTCCACGGGCTGCTCCTCAAGAAGAGTCTGTTTTGCAGT
 ATCTCTACTACCTTGCTCAGATTCTATTGCCATGTCTCCTCTCAGCAACAACAGCCTGTTTCTGGAATA
 TTCCAAGAACCCTTCCGGAATTCTACACAAGGATTACACGTCTCTCTCTACTGATGACCCCATG
 CAGTTCCTACTACCAAGGAAGCGCTCATGGAGGAGTACGCCATCGCAGCCCAAGTGTGGAAGTTGAGTA
 CGTGTGACCTGTGTGAGATTGCCAGGAACAGCGTGTGCAGAGCGGCTCTCACATCAGGAGAAGCAGAA
 GTTTTTGGGTGAGAATTATTACAAGGAGGACCGGAGGCAATGACATCCGAAAGACAAATGTTGCACAG
 ATCCGGATGGCTTTCGCTACGAGACCCTGTGTAAAGAGCTCAGCTTTCTGTCCGATGCCATGAAGTCAG
 AGGAGATCACAGCCCTGGCGGAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031544
Insert Size: 2406 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).
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:	<u>NM_031544.1</u> , <u>NP_113732.1</u>
RefSeq Size:	3915 bp
RefSeq ORF:	2406 bp
Locus ID:	25095
UniProt ID:	<u>O09178</u>
Cytogenetics:	1q33
Gene Summary:	catalyzes the conversion of AMP to IMP [RGD, Feb 2006]