

Product datasheet for **RN205647**

Amd1 (NM_031011) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Amd1 (NM_031011) Rat Untagged Clone
Tag: Tag Free
Symbol: Amd1
Synonyms: Amd1a; Amd1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205647 representing NM_031011
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAAGCTGCACATTTTTTCGAAGGGACCGAGAACTGCTGGAGGTCTGGTTCTCCAGACAGCAGTCCG
ACGCAAGCCAGGGATCTGGGACCTTCGTACCATCCCAAGATCCGAGTGGGATGTCCTTCTGAAGGATGT
GCAGTGTCAATCATAAGTGTGACAAAGACTGACAAGCAGGAAGCTTATGTAAGTCAAGTGTGAGATGATG
TTTGTCTCCAAGAGACGTTTCATTTTGAAGACATGTGGTACCACCTCTTACTGAAAGCACTGGTCCCC
TGTTGAAGCTTGCTAGGGACTACAGTGGTGTGACTCGATTCAAAGCTTCTTTTATTCTCGTAAGAATTT
CATGAAGCCTTCTACCAAGGGTACCCACACCGGAATTTCCAGGAAGAAATCGAGTTTCTTAATGAATTT
TTCCCAAACGGAGCAGCATATTGTATGGGACGTATGAATCTGACTGTTGGTACCTGTACACTTTGGATC
TCCCAGAGAGCCGAGTAATCAATCAGCCAGATCAAACCTGGAATTTCTGATGAGTGAGCTTGACCCAGC
AGTTATGGACCAGTCTACATGAAAGATGGTGTACTGCAAAGGATGCACTCGTGAGAGTGAATTCGT
GACCTGATACCAGTTCGTATTGATGCCACACTGTTCAATCCTTGTGGCTACTCAATGAATGGAATGA
AATCGGATGGAACATATTGGACTATTCACATCACTCCAGAACCAGAAATTTCTTATGTTAGCTTTGAAAC
AAACCTAAGTCAGACCTCTATGACGACCTGATCAGGAAAGTTGTGGAAGTCTTCAAGCCAGGAAAATTT
GTGACCACCTTGTGTTAATCAGAGTCTAAGTGTGCGCACAGTCTTTCTTCGCCCCAGAAGATTGACG
GTTTCAAACGTCTTGATTGCCAGAGCGCTATGTTCAACGATTACAATTTTGTGTTTACCAGTTTTGCTAA
GAAACAGCAACAACAGAGT**TGA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031011



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Insert Size:	1002 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:	<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:	NM_031011.3 , NP_112273.3
RefSeq Size:	3170 bp
RefSeq ORF:	1002 bp
Locus ID:	81640
UniProt ID:	P17708
Cytogenetics:	20q12
Gene Summary:	ubiquitous enzyme found in nearly all mammalian cells; may be involved with cell growth [RGD, Feb 2006]