

Product datasheet for **MC205224**

Ampd3 (NM_009667) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ampd3 (NM_009667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ampd3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC056380

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GTCAC TGG AAGGCTGCGTGTCTCCCAAGATCTCCCAATTCTCCTAACGGGCTGAGCTTTGTGTCTGTGT
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CGGGCTGCTGCTTAAGAAGAGCCCTGTTTTGCAGTACCTCTACTACCTTGCTCAGATCCCTATTGCCATG
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CTGTGACCCAATAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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- Restriction Sites:** Ascl-NotI
- ACCN:** NM_009667
- Insert Size:** 2301 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:** [BC056380](#), [AAH56380](#)

RefSeq Size: 3959 bp

RefSeq ORF: 2301 bp

Locus ID: 11717

UniProt ID: [O08739](#)

Cytogenetics: 7 57.85 cM

Gene Summary: This gene encodes a member of the adenosine and AMP deaminases family. The encoded protein is an AMP deaminase involved in nucleotide and energy metabolism in erythrocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript from the same strain was available for the full length of the gene. The extent of this transcript is supported by transcript alignments and orthologous data.