

Product datasheet for **MC204207**

Aamdc (NM_183251) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aamdc (NM_183251) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aamdc
Synonyms: 1810020D17Rik; 1810037D19Rik; LI2
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC026557

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AGGTGAAGCACGGATCCGACTGGAGGAACAACCGCAACAGAAGCGCTGCGCAAGGTACCATGAGTCCTG
GTTTATCCCTAACTGACTATGTATGTGAGGTTCCCTGAACTCCTCCCGACCCTCCTCCTCACCTCCCAAG
TGCTGGGATCACAGATTTAGCTCAGTTACTTATGGCTTCCCCTAAAATTGCTTCCCTCTCTGGGGACA
AATGAAAGTGCAAGGCTTACCTTAACCTATAAGGATTGCAAAGTATGGCCAGGAGGCAGTCGGGCTTGG
GACTGGAGAGAAACAGGAACCGAGCATTCTCCTGGAGTGACCCAGCAGATGTAAAGGAAGTTGCTGAGA
AAGGGGTACAGACTCTTGTGATTGGCAGAGGAATGAGTGAGGCCCTGAAGGTGCCCTCCGTCGACTGTGGA
GTACCTGGAGAAACAAGGCATTGATGTGCGGGTCTCCAGACAGAGCAGGCCGTGAAGGAGTATAATGCC
TTGGTTGCCCAAGGGTCAAGGTAGGAGGTGTCTCCATTCCACCTGCTGATGGCGCTACAGAGGAGAA
TAAATCAGACCACAAAGCCTTGCTGTCTTACCAGTCTCCACATCAGCCTCCACTGTGTATTTGGACAT
ATGTTTCATGTTCTTGGGACAGATTGGTGGGAGGCTGAGGCACAGTTTTTGCCTCCAGGTTGCTTAAATC
AGAGAAGAGAGAGGTTTGTGACATTTAATATTGTGCTATGTGTTAGGTTCAAAGTTTGAAGAACTTGAT
ACAAAAATAAAGTTGAACTTGAAGGCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Restriction Sites: RsrII-NotI

ACCN: NM_183251

Insert Size: 369 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).



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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: [BC026557](#), [AAH26557](#)

RefSeq Size: 866 bp

RefSeq ORF: 369 bp

Locus ID: 66273

UniProt ID: [Q8R0P4](#)

Cytogenetics: 7 E1

Gene Summary: May play a role in preadipocyte differentiation and adipogenesis.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.