

Product datasheet for **MC203251**

Adh7 (NM_009626) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adh7 (NM_009626) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adh7
Synonyms:	Adh-3; Adh-3e; Adh-3t; Adh3; Adh3-e; Adh3-t; Adh4; Adt-1; AI325182
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC047267
 GTCAGAAGACGTTCTGTTTGCAGGCCACACCCAGGAGAGGCAGGATGGGCACCGCTGGAAAAGTTAT
 TAAGTGCAAAGCGGCTGTCTATGGGGAGTGAACCAGCCTTTCTCCATTGAGGAAATCGAGGTGGCCCA
 CCAAAGGCTAAGGAAGTCCGTGTTAAGATTTTGGCCACAGGAATCTGTGCGACAGATGACCATATAATA
 AAGGATCGATGGTGTCTAAGTTTCCAGTGATTGTGGGACATGAAGCAGTTGGGGTGTGGAGAGTGTGG
 AGAAGGGTCACTACAGTGAGACCAGGTGACAAAGTCATCCCCCTTTTCTACCACAGTGTAGAGAATGC
 AACGCCTGCCTGAACCCAGAGGGCAATCTCTGCATTAGGAGCGATCTGACAGGCCGTGGAGTATTGGCTG
 ATGGCACTACCAGATTCACCTGCAAGGGCAAACCGGTCCAGCACTTCATGAACACCAGCACCTTCACTGA
 GTACACGGTGTGACGAATCCTCCGTAGCGAAGGTTGACGGTGC GGCTCCGCCTGAGAAAAGCTGCTTG
 ATCGGCTGTGGATTTTCCACGGTTATGGAGTGTGTTAAAAGTCCAAGGTCACCCCTGGCTCCACTT
 GTGTTGTCTTTGGCCTGGGAGGAGTTGGCTGTCAATCATGGGCTGTAAAGCAGCTGGTGCCTCCAG
 GATCATTGGAATCGACATCAACAAAGACAAATCCAGAAAGCTCTGGCCGTAGGTGCCACAGAGTGTATC
 AGTCCCAAGGACTCTACCAAGCCATCAGTGAGGTGCTATCCGACATGACAGGCAACACCATACAGTATA
 CTTTTGAAGTTATTGGGCGTCTTGAGACCATGGTTGATGCCCTCATCTTGCCATATGAACTATGGGAC
 CAGTGTGGTGGTGGTGTCTCCGTGAGCAAGATGCTCACCTATGACCCAATGCTGCTTCACTGGG
 CGTACGTGGAAGGCTGGTCTTTGGAGGTGGAAGAGCAGAGATGATGTACCTAAACTGGTACTGAGT
 TCCTGGAAGAAAGTTTACCTGGACCAGTTGATAACCCACACCTTGCCTTTTAATAACATCAATGAAGG
 ATTTGAATTGCTGATTCGGGGAAAAGCATTCCGACTGTCTGACATTTTGTGTTCCAGAGACCTGGGTG
 TTCTGAGCTGGGCTACCGTGACCTGAAGCCTTGCTCCTGACAGTGTCTCTGAGATCACAAAGTGTCTC
 AGAAGCACACAGAAGCAGAGCTGGGAAAGACAGAGAAGCTTTCTAGAGTCTGGCAAACCTTTATCTGCT
 TAGTTTACCGAGTGCCTAGGCTTCGACAGAACTCAGCAGTAACAATAAATGTTCTAATTTGTGTTTTCC
 AAGGCTATAATTCTATATTTTATAAGCATGTACTTAGGGTCTATTTGTTGAAAGAGGGATTGTTTTCC
 AATTTTACAGTTGTTATGGCTTAAAACAGATGTGGCATGTAGAGATGTAGAAAATGAATTTTTCAAGAAA
 TGACCATCAAAACCACAGAGCTCTCATTCTGTTTTTTTTTAACAGAAACACTTTTAAAACATGTTATGA
 ATTAACCTGAATTAGATTGTAAATAGCACACATAAAGTATTGATTAGATTAAGAAAGAAATTGGAAATTTA
 AGGGAAGGACACATTTTTCAATGATTAAGTGGAGAATTATCATTATATAACTTTGTGACATGGGAAAAG
 CACAGCCATGTCTGGAGATGTTAGTCAAGTGTATCAATATAAGACAAGACATTTTTAGAAATAGCAATTA
 AATATAACCGCATTGTGATATTTACCATACTAAGTTAATAAAGTGAATTACAAGCCCTTTAAAAAAA AAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_009626

Insert Size: 1125 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: [BC047267](#), [AAH47267](#)

RefSeq Size:	1900 bp
RefSeq ORF:	1125 bp
Locus ID:	11529
UniProt ID:	Q64437
Cytogenetics:	3 64.13 cM
Gene Summary:	Could function in retinol oxidation for the synthesis of retinoic acid, a hormone important for cellular differentiation.[UniProtKB/Swiss-Prot Function]