

Product datasheet for **MC209744**

Adh4 (NM_011996) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Adh4 (NM_011996) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Adh4
Synonyms:	Adh2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209744 representing NM_011996 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGCACCCAGGGAAAAGTTATTAATGCAAGGCAGCCATTGCCTGGAAAAGTGGCAGTCCCCTTTGCA
TTGAAGAAATTGAGGTGTCCCCTCTAAAGCTTGTGAGGTTCCGATTGAGTAATCGCCAGTGTGTGTG
CCCTACTGACATCAATGCCACCGATCCTAAGAAGAAAGCTCTCTCCCGTAGTCCTTGGTCATGAGTGT
GCAGGAATTGTAGAAAGTGTGGCCGGGAGTGACCAACTTCAAACAGGTGACAAAAGTAATCCCATTTCT
TTGCACCACAGTGCAAAAGGTGCAAGCTCTGTCTGAGCCCTCTCACAAACCTCTGTGAAAAGTCCGAAA
CTTCAAATACCCCACTATTGATCAGGAGCTCATGGAAGACAGAACCAGCAGGTTTACCTGCAAAGGAAGA
TCAATTTACCATTTTCATGGGCGTCAGTTCATTCTCTCAATACACTGTGGTTTCAGAGGCCAATCTTGCCA
GAGTCGATGATGAGGCAAAGTGGAGAGAGTGTGTCTGATTGGATGTGGGTTCTCATCAGGCTACGGGGC
TGCCATCAATACTGCCAAGGTCACCCCAAGTCCACTTGTGTCTTTGGCCTGGGGTGTGTAGGTCTT
TCTGCCATAATTGGGTGTAATAAGCAGGTGCTTCCAGAATCATAGCTATTGACATCAACGGTGAGAAGT
TCCAAAAGCCAAGGCCCTGGGAGCCACTGACTGCCTGAATCCCAGGGAGCTAGACAAACCTGCCAGGA
TGTCACTACTGAGCTGACAGCTGGAGGTGTGGATTACTCCCTTGACTGTGCAGGAACAGCTCAGACCTTG
AAAGCAGCTGTGGACTGCACTGTATTAGCTGGGGTCTGTCACTGTGGTTCGAGCAAAGTTGACAAAA
TGACTATACCCACCGTGGACGTTATATTGGGCCGTTCTATAAATGGAACATTCTTTGGTGGTTGGAAAAG
TGTAGACTCTGTCCAAACCTGGTTTCTGACTACAAGAATAAGAAATTCGATCTGGACTTACTGGTGACC
CATGCCCTACCTTTCGAGAGCATAAATGATGCCATTGACCTGATGAAGGAAGGAAAAAGCATCCGAACAA
TCCTGACCTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_011996
Insert Size:	1134 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:	<u>NM_011996.2</u> , <u>NP_036126.2</u>
RefSeq Size:	1312 bp
RefSeq ORF:	1134 bp
Locus ID:	26876
UniProt ID:	<u>Q9QYY9</u>
Cytogenetics:	3 G3
Gene Summary:	Involved in the reduction of benzoquinones.[UniProtKB/Swiss-Prot Function]