

## Product datasheet for RN207160

### Adh4 (NM\_017270) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Adh4 (NM_017270) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Adh4
Synonyms:	Ac1002; ADH-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207160 representing NM_017270 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGCACCCAGGAAAGGTCATTACATGCAAGGCAGCCATTGCCTGGAAAAGTACAGCCCCCTTTGCA  
TTGAAGAAATTGAAGTTTCTCCTCCTAAGGCTCATGAAGTTCGAATTAAGGTAATCGCCACATGCGTGTG  
CCCTACTGACATCAATGCCACCAATCCTAAGAAGAAAGCTCTCTCCAGTAGTCTCGGCCATGAGTGT  
GCAGGAATTGTAGAAAGGTTGGGCCAGGAGTGACCAACTCAAACCAGGTGACAAAAGTAATCCCATTTCT  
TCGCACCACAGTGCAAAAAGTGCAAGCTCTGTCTGAGTCTCTCACGAACCTCTGTGGGAAGCTCAGAAA  
TTTTAAATACCCTACTATTGATCAAGAGCTCATGGAAGACAGAACCAGCAGGTTTACCTGCAAAGGAAGA  
TCAATTTACCCTTATGGGAGTCAGTTCCTTCTCAGTACACTGTGGTTTCAGAAGCCAATCTTGCCC  
GAGTGGATGATGAGGCAAAATTTGGAGAGAGTGTGTCTGATTGGATGTGGGTTACATCAGGCTATGGGGC  
TGCGATCAACTGCCAAGGTCACCCCTGGTCCGCTTGTGTCTTTGGCCTGGGGTGTGTAGTCTT  
TCTGTGTAATTGGATGTAATAAGCAGGTGCTTCCAGAATCATAGCTATTGACATCAACAGTGAGAAGT  
TCCAAAAGCCAAGGCCCTGGGAGCCACTGACTGCCTTAATCCAGAGACCTAGACAAACCTGTCCAAGA  
TGTCACTACTGAACTGACGGGTGGAGGTGTGGATTTCTCCTGGACTGTGCAGGAACAGCTCAGACCTTG  
AAAGCAGCTGTAGACTGCACCGTCGTAGGCTGGGGTTCATGCACTGTGGTTCGGAGCAAAGTTGATGAAA  
TGAATATATCCACCGTGGACATGATATTGGGCCGTTCTGTAAAGGGAACGTTCTTTGGTGGTTGGAAAAG  
TGTAGACTCTGTCCAAACCTGGTTACTGACTACAAGAATAAGAAATTCGATCTGGACTTACTGGTGACC  
CATGCCCTACCTTTTGACAAAATCAACGACGCGATTGACCTGATGAACCAAGGAAAAAGCATCCGAACA  
TCCTGACCTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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<b>ACCN:</b>	NM_017270
<b>Insert Size:</b>	1134 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_017270.2, NP_058966.2</u>
<b>RefSeq Size:</b>	1372 bp
<b>RefSeq ORF:</b>	1134 bp
<b>Locus ID:</b>	29646
<b>Cytogenetics:</b>	2q44