

Product datasheet for **MC212146**

Rdh1 (NM_080436) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rdh1 (NM_080436) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rdh1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212146 representing NM_080436
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTGGCTCTACCTGGTGCCTGGTGGGCTGTGGACGCTCCTGCGCTTCTTTAGGGAGAGGCAGGTGG
TGAGCCATCTCCAAGACAAGTATGTCTTCATCACGGGCTGTGACTCTGGCTTTGGGAACCTGCTGGCCAG
ACAGCTGGACAGGAGGAGCATGAGGGTATTGGCTGCATGTCTGACGGAGAAGGGAGCCGAGGAGCTGAGG
AACAAAGACATCTGACAGGCTGGAGACAGTATCCTGGATGTCACCAAGACAGAGAGTATTGTGGCAGCCA
CTCAGTGGGTGAAGGAGCGTGTGGGAACAGAGGACTCTGGGCTGGTCAACAACGCTGGCATCTCCAC
CCCCTCGGGTCCCAACGAGTGGATGAAAAACAGGACTTTGCAAGAGTACTGGATGTGAACCTGTTGGGC
ATGATCGAGGTGACTCTGAGCATGCTGCCCTTAGTGAGGAAGGCGAGGGTGTGTGGTCAACGCTCTCCA
GCGTCATGGGCCGAATGTCTTTCTTTGGTGGTGGTACTGCATCTCCAAGTATGGTGTAGAGGCCTTCTC
AGACTCCCTCAGGAGGGAGCTCTCCTATTTGGGGTGAAGGTGGCTATTATAGAGCCTGGAGGCTTCAAG
ACTTGTGTGACAAGTAGTGACAGGCTATCATCAACACCAAGATGATCTGGGACAAGGCCAGCTCGGAAG
TCAAAGAGATCTATGGCGAGAAGTTTTTATTATCTATCTGAAAAACCTAAACGAATTGGACAAGAGGTG
CAACAAGGACCTGTCTGTGGTACTGACTGCATGGAGCACGCTCTGACTGCCTGCCACCCTCGACTCGA
TACTCAGCAGGCTGGGATGCCAAGTTCCTCTCCCTTGGAGCTACCTGCCACCTTTCTTGTGGATG
CCCTTCTACTGGACTCCATGAAGCCTGAGAAAGCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_080436
Insert Size: 954 bp



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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_080436.3</u> , <u>NP_536684.2</u>
RefSeq Size:	3890 bp
RefSeq ORF:	954 bp
Locus ID:	107605
Cytogenetics:	10 75.21 cM