

Product datasheet for **RN216317**

Rdh8 (NM_001168593) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rdh8 (NM_001168593) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rdh8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN216317 representing NM_001168593 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCTCAGCCTCAGAGGGTGCTCATCTCTGGCTGCTCTTCAGGGATCGGCCTTGAACCTCGCTGTTCC
AGCTGGCTCATGACCCAGACAACGTTACCAGGTGGTGGCCACCATGAGGGACTTGGGGAAGAAGGAGCC
ATTGGAGGCAGCTGCTGGAGAGGCTCTTGAAAGACCCCTCAGCGTGGCCAGCTGGACGTGTGCAGTGAT
GAGTCAGTGACTAACTGTCTCAGCCACATCGAGGGAGGACAAGTGACATCTGGTGAACAACGCAGGAG
TAGGCCTGTGGGGCCCTGGAGACCTCAGCCTAGCCACCATGCAGAATGTGTTCAACCAACTTTTT
TGGGGCTGTCCGTCTGGTCAAAGCTGTGCTTCCAGGCATGAAGAGGAGGCCAGGGTCACATCGTGGTG
GTCAGCAGTGTTATGGGGCTCCAGGGCGTCATGTTCAATGATGTCTATGCAGCCTCCAAGTTTGCCTGG
AAGGGTCTTCGAGAGCCTCGCGATCCAGCTGCGACAATTCAATATCTTCATCTCAATGGTGGAGCCAGG
CCCAGTCATCACTGACTTTGAAGGAAAACCTCTGGCTCAGGTTTCCAAGACGGAGTTCCAGACACTGAC
CCGAAACCCTGGGCTACTTCCGGGACTTGTACCTCCAGCCTCCAGGGAGCTCTCCGCTCTGTGGGAC
AGAGCCCAGGGATGTGGCCAGGTCATTGCCAAGGTCATCGGTTCCACCAGACCCCACTCCGCAGACA
GACCAACGCTCGTACTTCCCACTGACGGCGCTTAAGGCCTGGACCCCTCTGGAAGCCTGTATGTGAGA
ACTACCCACAGGCTCCTTTTTTCGCTGGCCTCACCTTCTCAGCCTTGGTCTCCGATGTCTGGCTTGTGGCT
GCCTCCCAACACGTGTGGGGCTACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001168593
Insert Size:	939 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001168593.1</u> , <u>NP_001162065.1</u>
RefSeq Size:	1158 bp
RefSeq ORF:	939 bp
Locus ID:	690953
Cytogenetics:	8q13