

## Product datasheet for RN201252

### Dhrs9 (NM\_130819) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Dhrs9 (NM\_130819) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Dhrs9  
Synonyms: Rdhl  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
Fully Sequenced ORF: >RN201252 representing NM\_130819  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGCTGCTTTGGGTGTTGGCCCTCTGTTCTCTGCGCTTTTCTGTGGAATTATAAAGGGCAGCTGAAGA  
TAGCAGACATCGCTGACAAGTACATTTTCATCACTGGATGTGACTCAGGCTTCGAAACTTAGCAGCCAG  
AACTTTTGATAGAAAAGGCTTCCGTGTCATTGCTGCCTGCCTGACTGAGTCAGGATCAGAGGCTTTGAAG  
GCCAAAACCTCAGAGAGACTTCACACAGTGCTTCTGGATGTCACCAACCCAGAGAATGTCAAGGAGACTG  
CCCAGTGGGTGAAGAGCCACGTAGGAGAAAAAGTCTCTGGGGTCTGATCAATAATGCTGGTGTCTTGG  
CGTACTGGCTCCCACTGACTGGCTGACAGTGGACGACTACAGAGAACCCATTGAAGTTAACCTGTTTGG  
CTCATCAACGTGACGCTGAATATGCTTCCACTGGTCAAAAAAGCTCGAGGGCGTGTATTAATGTCTCCA  
GCATTGGAGGCCGACTTGCATTTGGTGGCGGGGCTATACTCCATCCAAGTATGCAGTGGAAAGGTTTCAA  
TGACAGCTTAAGGCGGGACATGAAAGCTTTTGGAGTGCACGTCTCATGCATTGAACCAGGGCTGTCCAA  
ACAGGACTGGCAGATCCAATAAAGACAAGTAAAAAGAAGCTCGCCATTTGGAAACATCTGTCTCCAGACA  
TCAAACAACAATATGGAGAGGGCTACATTGAAAAAGTCTACACAGACTGAAAAGCAGTACCTCCTGT  
GAACCTGGACCTCTCTAGTGGTAGAGTGCATGGATCAGCTCTAACAAGTCTTCCCAAGACTCGA  
TACACTGCTGAAAGGATGCCAAGACATTTTGGATACCTCTGTCTCACATGCCGGCAGCTTTACAAGACT  
TTTTACTGTTGAAAGAGAAAGTAGAGCTGGCCAATCCCAAGCTGTG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_130819  
Insert Size: 960 bp



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<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>	<a href="#">NM_130819.1</a> , <a href="#">NP_570832.1</a>
<b>RefSeq Size:</b>	1636 bp
<b>RefSeq ORF:</b>	960 bp
<b>Locus ID:</b>	170635
<b>UniProt ID:</b>	<a href="#">Q8VD48</a>
<b>Cytogenetics:</b>	3q21
<b>Gene Summary:</b>	catalyzes the conversion of retinol to retinal in retinoic acid biosynthesis [RGD, Feb 2006]