

## Product datasheet for **RR203260**

### Dhrs4 (NM\_153315) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Dhrs4 (NM\_153315) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Dhrs4  
 Synonyms: PSCD  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 ORF Nucleotide Sequence: >RR203260 representing NM\_153315  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCAGAAAGCGGGACTGCTGTTAAGAGGCTGGACTCGAGCGTGAAGTCGGTGAGGATGGCCAGTTCCG  
 GGCTGACTCGCCAGAACCCTCGGAATAAGGTGGCCCTGGTCACAGCCTCCACCGACGGGATTGGCCT  
 TGCCATCGCCCGCGTCTGGCTGAGGACGGGGCCACGTGGTCATCAGCAGCCGAAACAGCAGAATGTG  
 GACCGTGCAGTGGCCACACTCCAGGGAGAGGGACTGAGTGTACTGGCGTCGTGTCCATGTGGGAAGG  
 CAGAGGATCGAGAAAAGCTGGTAAACATGGCTCTGAAGCTTACCAAGGGATTGATATCCTGGTCTCCAA  
 TGCTGCTGTCAACCCTTTCTTTGGAAATCTAATGGACGTCACAGAGGAGGTGTGGAACAAGGTTTTGAGC  
 ATTAATGTGACAGCTTACGAATGATGATTAAGGCGGTGGTGCCAGCGATGGAAAAACGAGGAGGCGGCT  
 CGGTGGTATTGTGAGTCCGTAGCAGGCTTCTTCTATCCCTTCTCTGGGCCCTTACAATGTTAGCAA  
 AACAGCTTTGCTGGTCTCACTAAGAATTTGCCGAGAGTTGGCCCAAGAACATTGAGTGAAGTGC  
 TTGGCACCTGGACTCATCAAGACTCACTCAGCAGTGTGTGTGGAAGGAGAAAGCAAGAGAAGAAATGA  
 TAAAAGAAACCATGCAAATTAGAAGGCTAGGCAAGCCAGAGGATTGTGTGGTATAGTTTCCTTCTGTG  
 CTCTGAAGATGCCAGTTACATCAATGGCAGACAGTAGTGTTGGGGAGGAACCCCTTCTCGCCTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203260 representing NM\_153315  
Red=Cloning site Green=Tags(s)

MQKAGLLLRGWTRAWKSVRMASSGLTRQNPLANKVALVTASTDGIGLAIARRLAEDGAHVVISSRKQQN  
 DRAVATLQGEGLSVTGVVCHVGKAEDREKLVNMAKHLHQGIDILVSNAAVNPFFGNLMDVTEEVWNVLS  
 INVTASAMMIKAVVPAMEKRGGGSSVIVSVVAGFVLFPSLGPYVSKTALLGLTKNFAAELAPKNIRVNC  
 LAPGLIKTHFSSVLWKEKAREEMIKETMQIRRLGKPEDCVGIVSFLCSEDASYINGETVVVGGGTPSRL

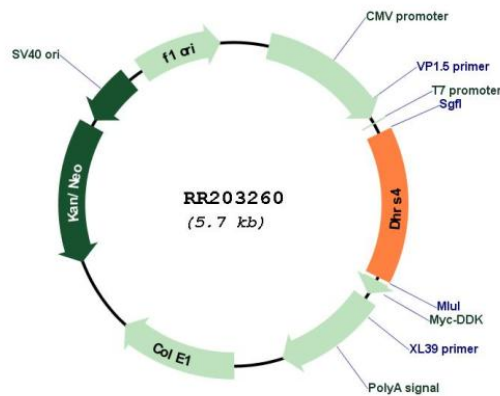
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_153315  
 ORF Size: 837 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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_153315.2</a> , <a href="#">NP_695227.2</a>
<b>RefSeq Size:</b>	1400 bp
<b>RefSeq ORF:</b>	840 bp
<b>Locus ID:</b>	266686
<b>UniProt ID:</b>	<a href="#">Q8VID1</a>
<b>Cytogenetics:</b>	15p13
<b>MW:</b>	29.8 kDa
<b>Gene Summary:</b>	human homolog is a member of the short-chain dehydrogenase/reductase (SDR) family [RGD, Feb 2006]