

## Product datasheet for RR216315

### Dhrs7c (NM\_001271598) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dhrs7c (NM_001271598) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dhrs7c
Synonyms:	RGD1306989
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR216315 representing NM_001271598 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGGGATCATGGCTGTCCTGATGCTACCCCTGCTGCTTCTGGGGTCAAGCGCCTCTCTTCATTTACC  
AGGAGGCCTCCAGGCTGTGGTCAAGTCTGCCGTGAGAAAGTGGTGGTATCACCGATGCCCTCTC  
AGGACTGGAAAAGAGTGTGCTCGGGTGTCAATGCAGGTGGAGCAAGGTTGGTGTGTGTGAAAAGAAC  
TGGGAGGGGCTGGAGAGCCTCTACGCTGCCTTGACCAGTGTGGCTGACCCAGCAAGACATTCACCCCA  
AGCTGGTCTCTGGATCTCTCAGACATTAGCTGTGTTGAAGATGTGGCCAAAGAGGTCCTAGACTGCTA  
TGGCTGTGTGGACATCCTCATCAACAACGCCAGCGTGAAGTGAAGGGGCTGCCATAAGATTTCTCTG  
GAGCTTGACAAAAGATCATGGACGCCAACTACTTTGGACCCATCACTTTACCAAAGTTCTGCTTCCCA  
ACATGATCTCTAGGAGGACGGCCAGATCGTGTAGTGAACAACATCCAAGCAAAGTTTGGAAATCCCGTT  
CCGCACAGCGTATGCAGCCTCCAAGCATGCTGTCATGGGCTTCTCGACTGCCTCAGAGCTGAGGTTGAG  
GAATACGATGTTGTGGTCAAGCAGTGCAGCCAACTTTTCATCCGTTCTACCAGGCTTATCTGAGCAAA  
GAAACTGGGGTCAATTTGTAATTCTTTGAGAAAGTGCAGTGCAGTGCAGGGAAGAAGAGGTTTCATGGCCAAACCCTGTCCCAAG  
GCTGCCGTGTTTATCCGACCTTCTCCCTGAGTTATTCTTCGCTGTTGTGGCCTGTGGAGTGAAGGAGA  
AGCTCAGTGTCCAGAAGAGGGT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR216315 representing NM\_001271598  
Red=Cloning site Green=Tags(s)

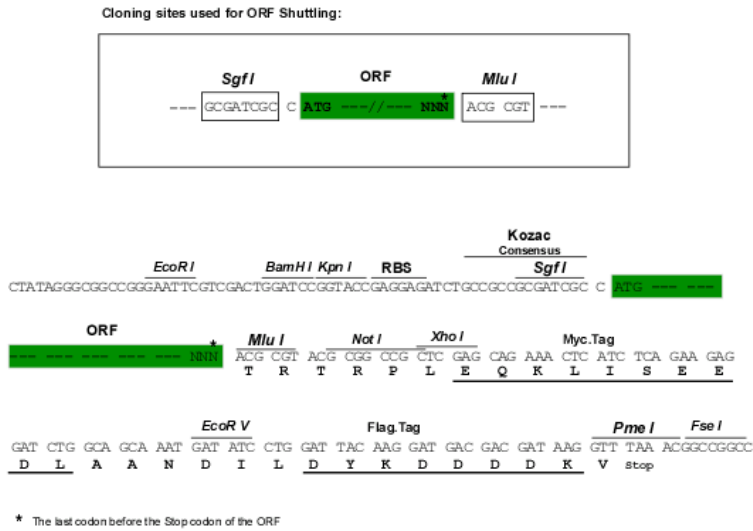
MGIMAVLMLPLLLLGVSGLLFIYQEASRLWSKSAVQNKVVVITDALSGLGKECARVFNAGGARLVLCGKN  
 WEGLESLYAALTSVADPSKTFFTPCLVLLDLSDISCVEDVAKEVLDCYGCVDILINNASVKVKGPAHKISL  
 ELDKKIMDANYFGPITFTKVLLPNMISRRTGQIVLVNNIQAKFGIPFRTAYAASKHAVMGFFDCLRAEVE  
 EYDVVVSTVSPTFIRSYQAYPEQRNWGSSICKFFCRKLTYGVHPVEVAEEVMRTVRRKKQEVFMANPVPK  
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

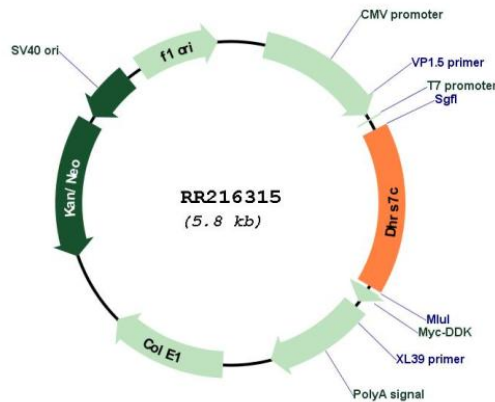
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_001271598

**ORF Size:** 933 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_001271598.1</a> , <a href="#">NP_001258527.1</a>
<b>RefSeq Size:</b>	1138 bp
<b>RefSeq ORF:</b>	936 bp
<b>Locus ID:</b>	287411
<b>Cytogenetics:</b>	10q24
<b>MW:</b>	34.4 kDa