

## Product datasheet for **RC225440**

### DHRS7C (NM\_001105571) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DHRS7C (NM_001105571) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	DHRS7C
Synonyms:	SDR32C2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC225440 representing NM_001105571 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGGAGTCATGGCCATGCTGATGCTCCCCCTGCTGCTGCTGGGAATCAGCGGCCTCCTCTTCATTTACC  
AAGAGGTGTCCAGGCTGTGGTCAAAGTCAGCTGTGCAGAACAAAGTGGTGGTATCACCGATGCCATCTC  
AGGACTGGCAAGGAGTGTGCTCGGGTGTCCACACAGGTGGGCAAGGCTGGTGTGTGAAAGAAC  
TGGGAGAGGCTAGAGAACCTATATGATGCCTTGATCAGCGTGGCTGACCCAGCAAGACATTACCCCAA  
AGCTGGTCTGTGGACCTCTCAGACATCAGCTGTGCCAGATGTGGCAAAGAAGTCTGGATTGCTA  
TGGCTGTGTGGACATCCTCATCAACAATGCCAGTGTGAAGGTGAAGGGCCTGCCATAAGATTTCTCTG  
GAGCTCGACAAAAAGATCATGGATGCCAATTACTTTGGCCCCATCACATTGACGAAAGCCCTGCTCCCA  
ACATGATCTCCCGGAGAACAGGCCAAATCGTGTTAGTGAATAATCCAAGGGAAGTTTGGAAATCCCGTT  
CCGTACGACTTACGCTGCCTCCAAGCACGCAGCCCTGGGCTTCTTTGACTGCCTCCGAGCCGAAGTGGAG  
GAATACGATGTTGTCATCAGCACCGTGAGCCGACTTTCATCCGGTGTACCACGTGTATCCAGAGCAAG  
GAAACTGGGAAGCTTCCATTTGAAATTTCTTTTCAGGAAGCTGACCTACGGCGTGACCCAGTAGAGGT  
GGCGGAGGAGGTGATGCGCACCGTGCGGAGGAAGAAGCAAGAGGTGTTTATGGCCAACCCCATCCCAAG  
GCCGCCGTGTACGTCCGACCTTCTTCCGGAGTTCTTTTCGCCGTGGTGGCCTGTGGGTGAAGGAGA  
AGCTCAATGTCCCGGAGGAGGGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC225440 representing NM\_001105571  
Red=Cloning site Green=Tags(s)

MGVMAMLMPLLLLGISGLLFIYQEVSRWLSKSAVQNKVVVITDAISGLGKECARVFHTGGARLVLCGKN  
 WERLENLYDALISVADPSKFTTPKLVLLDLSDISCVPDVAKEVLDCYGCVDILINNASVKVKGPAHKISL  
 ELDKKIMDANYFGPITLTKALLPNMISRRTGQIVLVNNIQKGFIPFRTTYAASKHAALGFFDCLRAEVE  
 EYDVVISTVSPTFIRSYHVYPEQGNWEASIWKFFFRKLTYGVHPVEVAEEVMRTVRRKKQEVFMANPIPK  
 AAVYVRTFFPEFFFAVVACGVKEKLVNPEEG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8006\\_a05.zip](https://cdn.origene.com/chromatograms/mk8006_a05.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001105571

**ORF Size:** 933 bp

**OTI Disclaimer:** 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. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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:** [NM\\_001105571.3](#)

**RefSeq ORF:** 936 bp

**Locus ID:** 201140

**UniProt ID:** [A6NNS2](#)

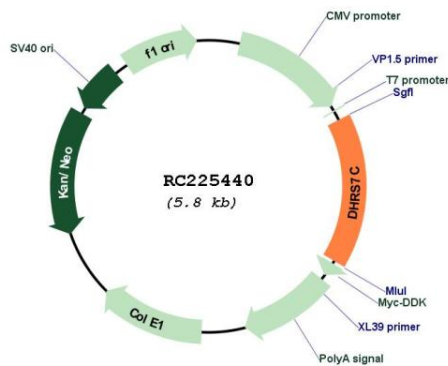
**Cytogenetics:** 17p13.1

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 34.6 kDa

**Gene Summary:** Putative oxidoreductase.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC225440