

## Product datasheet for **RC200480A1V**

### Human DHCR7 (NM\_001360) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human DHCR7 (NM_001360) AAV Particle
Tag:	Myc-DDK
Symbol:	DHCR7
Synonyms:	SLOS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC200480 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCTGCAAAATCGCAACCCAACATTCCTCCAAAGCCAAGAGTCTAGATGGCGTCACCAATGACAGAACCG  
 CATCTCAAGGGCAGTGGGGCCGTGCCTGGGAGGTGGACTGGTTTTCACTGGCGAGCGTCATCTTCTACT  
 GCTGTTTCGCCCCCTTCATCGTCTACTACTTTCATCATGGCTTGTGACCAGTACAGCTGCGCCCTGACCGGC  
 CCTGTGGTGGACATCGTCACTGGACATGCTCGGCTCTCGGACATCTGGGCCAAGACTCCACCTATAACGA  
 GGAAAGCCGCCAGCTCTATACCTTGTGGGTACCTTCCAGGTGCTTCTGTACACGTCTCTCCCTGACTT  
 CTGCCATAAGTTTCTACCCGGCTACGTAGGAGGCATCCAGGAGGGGGCCGTGACTCCTGCAGGGGTTGTG  
 AACAGTATCAGATCAACGGCCTGCAAGCCTGGCTCCTCACGCACCTGCTCTGGTTTGCAAACGCTCATC  
 TCCTGTCTGGTTCTCGCCACCATCATCTTCGACAACGGATCCACTGCTGTGGTGCGCCAACATCCT  
 TGGCTATGCCGTCTCCACCTTCGCCATGGTCAAGGGCTACTTCTCCCCACCAGCGCCAGAGACTGCAAA  
 TTCACAGGCAATTTCTTTTACAACCTACATGATGGGCATCGAGTTTAAACCTCGGATCGGGAAGTGGTTTG  
 ACTTCAAGCTGTTCTTCAATGGGCGCCCCGGGATCGTCGCCTGGACCCTCATCAACCTGTCTTCGCAGC  
 GAAGCAGCGGGAGCTCCACAGCCATGTGACCAATGCCATGGTCTGTTCAACGTCTGCAGGCCATCTAC  
 GTGATTGACTTCTTCTGGAACGAAACCTGGTACCTGAAGACCATGACATCTGCCATGACCACTTCGGGT  
 GGTACCTGGGCTGGGGCGACTGTGTCTGGCTGCCTTATCTTTACACGCTGCAGGGTCTGTACTTGGTGTA  
 CCACCCCGTGCAGCTGTCCACCCCGACGCCGTGGGCGTCTGCTGCTGGGCTGGTGGGCTACTACATC  
 TTCGGGTGGCCAACCACAGAAGGACCTGTTCCGCGCACGGATGGGCGCTGCCTCATCTGGGGCAGGA  
 AGCCCAAGGTCATCGAGTGTCTCTACACATCCGCCGACGGGCGAGAGCCACAGCAAGCTGCTGGTGTG  
 GGGCTCTGGGCGTGGCCCGCACTTCAACTACGTCCGCGACCTGATGGGACGCTGGCCTACTGCCTG  
 GCCTGTGGCGGGCCACCTGCTGCCCTACTTCTACATCATCTACATGGCCATCCTGCTGACCCACCGCT  
 GCCTCCGGGACGAGCACCCTGCGCCAGCAAGTACGGCCGGGACTGGGAGCGCTACACCGCCGAGTGC  
 TTACCGCCTGCTGCCTGGAATCTTC

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC200480 protein sequence  
 Red=Cloning site Green=Tags(s)

MAAKSQPNIPKAKSLDGVTNDRITASQGWGRAWEVDWFLASVIFLLLFAPFIVYFIMACDQYSCALTG  
 PVVDIVTGHARLSDIWAKTPPIRKAALYTLWVTFQVLLYTSPLPDFCHKFLPGYVGGIIEGAVTPAGVV  
 NKYQINGLQAWLLTHLLWFANAHLISWFSPITIIIFDNWIPLLWCANILGYAVSTFAMVKGYFFPTSARDCK  
 FTGNFFYNYMMGIEFNPRIGKWFDFKLFNRPVIVAWTLINLSFAAQRELHSHVTNAMVLVNVLQAIY  
 VIDFFWNETWYLKIDICHDFGWYLGWDCVWLPYLYTLQGLYLVYHPVQLSTPHAVGVLLGLVGYI  
 FRVANHQDLFRRTDGRCLIWGRPKVIECSYTSADGQRHHSKLLVSGFVGVARHFNYVDLMSLAYCL  
 ACGGGHLLPYFYIIMAILLTHRCLRDEHRCASKYGRDWERYTAAVPYRLLPGIF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001360

**ORF Size:**

1425 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<u>NM_001360.2</u>
<b>RefSeq Size:</b>	2665 bp
<b>RefSeq ORF:</b>	1428 bp
<b>Locus ID:</b>	1717
<b>UniProt ID:</b>	<u>Q9UBM7</u>
<b>Cytogenetics:</b>	11q13.4
<b>MW:</b>	54.5 kDa