

## Product datasheet for **MR223420A1V**

### Mouse Dhcr7 (NM\_007856) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Mouse Dhcr7 (NM_007856) AAV Particle
Tag:	Myc-DDK
Symbol:	Dhcr7
Synonyms:	AA409147
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>MR223420 representing NM\_007856  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTTCGAAATCCCAGCACACGCTCCCAAAGTCAAGAGTCCCAACGCAAGGCTGGATCTCAAGGAC  
 AATGGGCGCTGCCTGGGAAGTGGACTGGTTCTCCCTGGCCAGCATATTTTCTGCTGCCTTCGCTCC  
 ATTCATTGTGTACTACTTCATCATGGCATGTGACCAGTACAGCTGCTCCCTGACTGCCCCCGCATTGGAT  
 ATAGCTACAGGCCATGCTAGTCTGGCAGACATTTGGCCAAGACACCACCTGTGACAGCTAAAGCTGCC  
 AACTGTATGCCTTGTGGGTGAGCTTCCAGGTGCTGCTTTATTCTGGCTTCTGACTTCTGCCACAGATT  
 TCTGCCAGTTATGTGGGAGGCGTCCAAGAAGGTGCCATTACTCCAGCAGGGTTGTAACAAGTATGAG  
 GTGAATGGGCTGCAAGCCTGGCTCATTACCCACATCCTCTGGTTGTGAACGCTTACCTTTATCCTGGT  
 TCTCCCCACCATCATCTTTGACAAGTGGATCCCCTTGCTATGGTGTGCCAACATCCTGGGCTATGCCGT  
 GTCCACGTTTCGAATGATCAAGGCTACCTGTTCCCACCAGTCCGAAGACTGCAAATTCACAGGCAAT  
 TTCTTCTACAACATATGATGGGAATTGAGTTCAACCCCGCATCGGGAAGTGGTTTGACTTCAAGCTGT  
 TCTTCAATGGACGACCAGGGATTGTAGCCTGGACCCTCATTAACTGTCTTCGCTGCCAAGCAGCAGGA  
 GCTTTATGGCCATGTGACCAACTCCATGATTTTGGTCAATGTCTTGCAGGCCATCTACGTGTTAGACTTC  
 TTCTGGAATGAAACCTGGTATCTGAAGACCATCGACATCTGCCATGACCACTTTGGGTGGTACCTAGGCT  
 GGGGAGATTGTGTGTGGCTGCCCTACCTCTACACACTGCAGGGCTGTACTTGGTGTACCACCCTGTGCA  
 GCTCTCCACCCCAATGCCTTGGGCATCCTGCTGCTTGGCCTCGTGGTTACTATATCTCCGAATGACC  
 AACCATCAGAAGGACCTGTTCCGAGGACAGATGGGCGCTGCCTCATCTGGGGCAAGAAGCCCAAGGCCA  
 TTGAGTCTCCTACACATCAGCTGATGGGCTGAAGCACCACAGCAAGCTGTTGGTCTCAGGCTTCTGGGG  
 TGTGGCCCGCCACTTCAACTATACTGGTACCTGATGGGACGCTTGCCTACTGCCTGGCTTGTGGCGGT  
 GGCCACCTCCTCCCCTACTTTTACATCATCTATGACTATCCTGCTACCCACCCTGCCTCCGTGATG  
 AACACCCTGTGCCAACAAAGTATGGCCGTGATTGGGAGCGCTACACAGCCGCTGTGCCCTACCGCTGCT  
 GCCTGGAATCTTC

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR223420 representing NM\_007856  
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MASKSQHNAPKVKSPNGKAGSQGWGRAWEVDWFLASIIIFLLLFAPFIVYFIMACDQYSCSLTAPALD  
 IATGHASLADIWAKTPPVTAQAAQLYALWVSFQVLLYSWLPDFCHRFLPGYVGGVQEGAITPAGVVKYE  
 VNGLQAWLITHILWFVNAYLLSWFSPTIIFDNWIPLLWCANILGYAVSTFAMIKGYLFPTSAEDCKFTGN  
 FFYNYMMGIEFNPRIGKWFDFKLFNRPVIVAWTLINLSFAAQQELYGHVTNSMILVNVLQAIYVLDL  
 FWNETHYKTIIDICHDFGWYLGWDCVWLPYLYTLQGLYLVYHPVQLSTPNALGILLGLVGYIYFRMT  
 NHQKDLFRRTDGRCLIWGKPKAIECSYTSADGLKHSKLLVSGFWGVARHFNYTGDLMGSLAYCLACGG  
 GHLLPYFYIYMTILLTHRCLRDEHRCANKYGRDWERYTAAVPYRLLPGIF

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Mouse

**Serotype:**

AAV-2

**ACCN:**

NM\_007856

**ORF Size:**

1413 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><a href="#">NM_007856.2</a></u> , <u><a href="#">NP_031882.1</a></u>
<b>RefSeq Size:</b>	2845 bp
<b>RefSeq ORF:</b>	1416 bp
<b>Locus ID:</b>	13360
<b>UniProt ID:</b>	<u><a href="#">O88455</a></u>
<b>Cytogenetics:</b>	7 F5
<b>MW:</b>	54.4 kDa