

Product datasheet for **MR215279A1V**

Mouse Hrc (NM_010473) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Hrc
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR215279 representing NM_010473, **codon optimized**.
Due to the complexity of NM_010473, the ORF clone is codon optimized for mammalian Expression.
The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGTTCCAGGGACCATGGTTGCACACATGCCTGCTTTGGGCCACCGTAGCCATCTTGCTGGTGCCCC
CTGTGGTAACCCAGGAACCTCAGGGGGGCAGGACTTGGGCTCGGAAATTGGAATAATAATGCAGGCATCCC
TGGGTCTAGCGAAGACCTGTCTACGGAATTCGGCCACCACATTATCGCGGATACCAAGGGGAAAAGGAC
CGAGGGCATAGGGAAGAAGGGAGGACTTCTCAGGGAGTACGGGCACAGGGTCCAGGATCACCGATACC
CTGGTCGAGAAGTCGGCGAAGAAAATGTCTCAGAGGAGGTGTTCCGCGGACATGTGCCAGCTCCACGG
TCATAGAGAACACGACAATGAAGATCTGGGCGACTCCGCTGAAAATCACCTCCCCCGCCAGCGCAGCCAT
TCCCACGAGGATGAGGATGGTATCGTCTCCTCCGAGTATCACCGACATGTCCCCAGGCATGCCACCATG
GACATGGAGAGGAAGATGACGATGATGATGGTGGCGAGGAGGAGGAGCGCTCGACGTGATGGAGGACTC
TGACGATAACGAGCACCAGGTCCACGGTCACCAAGCCACTCCAAGGAGAGGGATGAGCTCCACCATGCT
CATTCCCATAGACACCAAGGTCACTCAGACGACGACGATGATGATGGCGTCTCTACCGAGCACGGACATC
AGGCTCATAGGTATCAAGACCACGAGGAGGAGGATGACGGAGATTCGACGAAGATTCTCACACCCACAG
AGTGCAGGGGCGAGAGGACGAGAACGACGATGAGGACGGCGATTCCGGCGAGTACCGACACCACACTCAG
GATCACCGGGCCACAATGAAGAGCAGGATGACGATGATGACGATGACGACGACGATGAGGATAAGGAGG
ATTCTACAGAGCACAGACATCAAACTCAGGGACATCGCAAGGAAGAGGACGAAGATGAGTCAGACGAGGA
CGACCATCATGTTAGCAGACACGGAAGACAGGGCTATGAGGAAGAAGAGGATGACGATGACGATGACGGT
GACGACGACTCCACTGAGCAGTCCATCAGGCCACCGCCATAGAGATCATGACATAAAGATGACGAAG
ATGACAGTGAGGAGGACTACCACTATGTGCCTTCTACGGAAGACAGAGCCATCAAAACGAGGAGGAAGA
AGACGAAGCCGTGAGCACCAGCATTTGGCACCAATCCCCTCGCCATGCTCATCACGATCTCGGTTCGAGAG
TCTGAAGAGGAGGTAGCCGTGAAGTACAGCCACCACGTCGCATCTCACAGGCCACAGGGACACAATGCCG
ATCGCGAGGAAGATTCTTTGGAGGAGCACATGAACGAAGTTCAGGTACCACCATCACCGGGCTCCAG
GGGGGATGACGAAGACATCTCCACAGAGTTCGGCCACAAGGCCCTCTCATCGCTCCAGGACCAGGAC
GAGCGGGCCCGCCAAGGCCATCGAGAGCCCGTCCAGGGGGAATCGCTCACAGCCTCTTCAGCCTACCG
GACCCAGCTCCCGGAGAGCAGGAAGGAGGGTATCACAGCAGCCAGGAGGGCGACGAGGACCCTGAGCA
AAGGCAGGCCCATTCAGAGGAGGAGAAAGAGGAGGAGGAGGAGGAAGAGGAGGAGGAGGAGGAAAAG
GAAGGCGGCCACAGCCTTCCGATGAGTCAGGAGGACGACGAGGAAGAAGAAAAGGACGAAAAGGAGTCCA
AAGTTGACCGAGCCGCCGTGTCCGCCCTGTCCCATCATCGAAAACAGGGGGAGGAGGAAGAAGAGGA
GGAAGAAGAGGAGGAAGAGGAAATTCTGGAAGAAAACCTCCTGCCATTACAATCATACCGAACCCCTG
GCAGGGAGAGAGGTGGCGAGAGAAGGCAGTTCTGAGGAGGAGTCCAGAGAAGTTACAGGCCAGCAAGACG
CGCAAGAGTACGAGAATTACCAGCCAGGCTCCCTGTGCGGCTATTGTAGTTTTTTGTAACCGATGTACTGA
GTGCGAAAAGCTGCCACTGCGACGAGGAGAACATGGGAGAGCATTGCGACCAAGTGCCAACATTGTCAGTTT
TGCTACCTCTGTCCCTGGTATGTGATACTCTGCACTCCGGGCTCATATGTGGATTATTTTCCAGTA
GTTTGTATCAAGCACTGGCAGATATGCTTGAGACTCCAGAGCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR215279 representing NM_010473 Red=Cloning site Green=Tags(s) MGFQGPWLHTCLLWATVAILLVPPVVTQELRGAGLGLGNWNNAGIPGSSEDLSTFGHHIHRGYQGEKD RGHREEGEDFSREYGHVQDHRYPGREVGEENVSEEVFRGHVRLHGHREHDNEDLGDSAENHLPRQRSH SHEDGIVSSEYHRHVPRHAHHGHGEEDDDGGEEEEERVDVMESSDDNEHQVHGQSHSKERDELHHA HSHRHQGHSDDDDDGVSTEHGHQAHRVQDHEEEDDGDSDSDSHTRVQGREDEDDGDSGEYRHHTQ DHQGHNEEQDDDDDDDEDKEDSTEHRHQTQGHRKEEDEDESDDDHHVSRHGRQGYEEEEDDDDDDG DDSTEHVHQAHRHRDHEHKDDEDDSEEDYHHVPSHGRQSHQNEEEDEAVSTEHWQSPRHAHDLGRE SEEEVAVKYSHHVASHRPQGHNADREEDSLEEHMNEVPGHHHHRASRGDDDEDISTFGHKAPSHRLQDQD ERARQGHREPVGGEIAHQPLQPTGPSSRESRKEGDHSSQEGDEDPQRQAHSEEEKEEEEEEEEEEEK EGGHSPLMSQEDDEEEKDEKESKVDRAAVSAPLSHHRKQGEEEEEEEEEEEIILEENLLPFTIIPNPL AGREVAREGSSEESREVTGQQAQYENYQPGSLCGYCSFCNRCTECESCHCDEENMGEHCDQCQHCQF CYLCPLVCDTLCTPGSYVDYFSSSLYQALADMLETPEP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010473
ORF Size:	2214 bp
Buffer:	PBS with 0.001% Pluronic F2245
Stability:	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.
RefSeq:	<u>NM_010473.2</u> , <u>NP_034603.2</u>
RefSeq Size:	2443 bp
RefSeq ORF:	2217 bp
Locus ID:	15464
Cytogenetics:	7 29.26 cM
MW:	85.2 kDa