

Product datasheet for **RC212698A1V**

Human Histidine decarboxylase (HDC) (NM_002112) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Histidine decarboxylase (HDC) (NM_002112) AAV Particle
Tag:	Myc-DDK
Symbol:	HDC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC212698 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATGGAGCCTGAGGAGTACAGAGAGAGAGGGAGAGAGATGGTGGATTACATCTGCCAGTACCTGAGCA
CTGTGCCGGGAGAGACGTGTGATGCCAGACGTGCAGCCTGGCTACCTGCGAGCCCAGCTGCCTGAGAGTGC
TCCTGAGGACCCCGACAGCTGGGACAGCATCTTTGGGGACATTGAACGAATCATCATGCCTGGGGTGTA
CATTGGCAGAGCCCCATATGCACGCCTACTACCCAGCCCTCACCTCTTGGCCCTCCCTGCTAGGAGACA
TGCTGGCTGATGCCATCAACTGCTTGGGATTACCTGGGCATCCAGCCCTGCGTGTACAGAGCTGGAGAT
GAACGTCATGGACTGGTTGGCAAAAATGCTGGGACTTCCAGAGCACTTCTGCACCACCACCCAGCAGC
CAGGGCGGAGGCGTCTGCAGAGCACGGTCAGTGAATCCACTTTGATTGCCCTGCTGGCAGCAAGGAAGA
ACAAAATCCTGAAAATGAAAACGTCTGAGCCCGATGCTGATGAGTCTGCCTAAATGCCCGACTCGTGGC
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AAATGGCCTCCATCTTGAACCCCTGCTGGACCCAGTTGATGACTGCTTTTCAGAAGAGGCCCCAGATGCC
ACCAAGCACAAGCTGTCTCCTTCTCTGTTCACTTGTCTGTGCAGACTAAGAAGAAGACGGTGCCTC
CCCTCAGTTGCAACAGTGTGCCAGTGAGTGCTCAGAAGCCACTGCCACAGAGGCCTCTGTGAAGAATGG
GGGCTCCTCCAGGGTCAGAATCTTTCCAGGTTTCCAGAAGACATGATGATGCTGAAGAAAAGTGCCCTTC
AAAAAATCATCAAAATCTACAGCGTCCCCAGCTTTCTGAAATGCAGCTCTCAATGTGGACTCCAGCTGC
CCTGTTGCCCTCTGCAGGCCATGGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212698 protein sequence Red=Cloning site Green=Tags(s) MMEPEEYRERGREMVDYICQYLSTVRERRVMPDVQPGYLRAQLPESAPEDPDSWDSIFGDIERIIMPGVV HWQSPMHAYYPALTSWPSLLGDMLADAINCLGFTWASSPACTELEMNVDWLAKMLGLPEHFLHHHPSS QGGGVLQSTVSESTLIALLAARKNKILEMKTSEPDADSECLNARLVAYASDAQHSSVEKAGLISLVKMKF LPVDDNFSRLRGEALQKAIEEDKQRLVPVFVCATLGTTGVCAFDCLSELGPICAREGLWLHIDAAYAGTA FLCPEFRGFLKGIEYADSFTFNPSKWMVHFDCTGFVVKDKYKLQQTFSVNPIYLRHANSVATDFMHWQ IPLSRRFRSVKLVFVIRSFVGNLQAHVRHGTEMAKYFESLVRNDPSFEIPAKRHLGLVVFRLKGNCLT ENVLKEIAKAGRLFLIPATIQDKLIIRFTVTSQFTTRDDILRDWNLIRDAATLILSQHCTSQPSPRVGNL ISQIRGARAWACGTSLSVSGAGDDPVQARKIIKQPQRVGAGPMKRENGLHLETLLDPVDDCFSEEAPDA TKHKLSSFLFSYLSVQTKKKTVRSLSCNSVPVSAQKPLPTEASVKNGGSSRVRIFSRFPEDMMLKKSFAF KKLIKFSVPSFPECSSQCGQLPCCPLQAMV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002112
ORF Size:	1986 bp
Buffer:	PBS with 0.001% Pluronic F6923
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_002112.1</u>
RefSeq Size:	2646 bp
RefSeq ORF:	1989 bp
Locus ID:	3067
UniProt ID:	<u>P19113</u>
Cytogenetics:	15q21.2
MW:	74.2 kDa