

Product datasheet for **RC205552A1V**

Human Choline dehydrogenase (CHDH) (NM_018397) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Choline dehydrogenase (CHDH) (NM_018397) AAV Particle
Tag:	Myc-DDK
Symbol:	CHDH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205552 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGGTGTCTCCTACGAGGCCTGGGCCGGCCTGGAGCCCTGGCACGGGGAGCCCTGGGGCAGCAGCAAT
 CCCTGGGTGCCCGGGCCCTGGCCAGCGCAGGCTCTGAGAGCCGGGACGAGTACAGCTATGTGGTGGTGGG
 CGCGGGCTCGGCGGGCTGCGTGTGGTGGGAGGCTCACGGAGGACCCCGCCGAGCGCTGCTGTGCTG
 GAGGCCGGGCCAAGGACGTGCGCGGGGAGCAAGCGGCTCTCGTGGAAGATCCACATGCCCGCGGCC
 TGGTGGCAACCTGTGCGACGACAGGTACAACCTGGTGTACCACACAGAGGTGCAGCGGGGCTGGACGG
 CCGCGTGTGTACTGGCCAGCGGCCGCGTCTGGGGTGGTCTCTATCCCTCAATGCCATGGTCTACGTC
 CGTGGGACGCGGAGGACTACGAGCGCTGGCAGCGCCAGGGCGCCCGCGGCTGGGACTACGCGACTGCC
 TGCCCTACTTCCGAAGGCGCAGGGCCACGAGCTGGGCGCCAGCCGTTACCGGGCGCCGATGGCCCGCT
 GCGGGTGTCCCGGGGCAAGACCAACACCCGCTGCACTGCGCATTCTGGAGGCCACGCAGCAGGCGGGC
 TACCCGCTCACCGAGGACATGAATGGCTTCCAGCAGGAGGGCTTCGGCTGGATGGACATGACCATCCATG
 AAGGCAACCGGTGGAGCGCAGCCTGTGCCTACCTGCACCCAGCACTGAGCCGCACCAACCTCAAGGCCGA
 GGCCGAGACGCTTGTGAGCAGGGTGTATTTGAGGGCACCCGTGCAGTGGGCGTGGAGTATGTCAAGAAT
 GGCCAGAGCCACAGGGCTTATGCCAGCAAGGAGGTGATTCTGAGTGGAGGTGCCATCAACTCTCCACAGC
 TGCTCATGTCTCTGGCATCGGAATGTGTGACCTCAAGAACTGGGCATCCCTGTGGTGTGCCACCT
 ACCTGGGGTGGCCAGAACCTGCAAGACCACCTGGAGATCTACATTACAGAGGCATGCACCCGCCCTATC
 ACCCTCCATTACGACAGAAAGCCCTGCGGAAGGTCTGCATTGGTCTGGAGTGGCTCTGGAAATTCACAG
 GGGAGGGAGCCACTGCCATCTGGAACAGGTGGGTTTCATCCGAGCCAGCCTGGGGTCCCCACCCGGA
 CATCCAGTTCATTTCTGCCATCCCAAGTGATTGACCACGGGCGGGTCCCCACCCAGCAGGAGGCTTAC
 CAGGTACATGTGGGGCCATGCGGGGCACGAGTGTGGGCTGGCTCAAACCTGAGAAGTGCCAATCCCCAAG
 ACCACCTGTGATCCAGCCCACTACTTGTCAACAGAACTGATATTGAGGATTTCCGTCTGTGTGTGAA
 GCTCACCAGAGAAATTTTGCACAGGAAGCCCTGGCTCCGTTCGAGGGAAGAGCTCCAGCCAGGAAGC
 CACATTAGTCAGATAAAGAGATAGATGCCTTTGTGCGGGCAAAAGCCGACAGCGCTACCACCCCTCGT
 GCACCTGTAAGATGGGCCAGCCCTCCGATCCCACTGCCGTGGTGGATCCGACAGCAAGGGTCTCGGGGT
 GGAAACCTCAGGTCGTGATGCCTCCATCATGCCTAGCATGGTCAGCGCAACCTGAACGCCCCCACA
 ATCATGATCGCAGAGAAGGCAGCTGACATTATCAAGGGGCAGCCTGCACTCTGGGACAAAGATGTCCCTG
 TCTACAAGCCCAGGACGCTGGCCACCCAGCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205552 protein sequence
 Red=Cloning site Green=Tags(s)

MWCLLRGLRPGALARGALGQQSLGARALASAGSESRDEYSYVVVGAGSAGCVLAGRLTEDPAERVLLL
 EAGPKDVRAGSKRLSWKIHMPAALVANLCDDRYNWCYHTEVQRLDGRVLYWPRGRVWGSSSLNAMVYV
 RGHAEDYERWQRQARGWDYAHCLPYFRKAQGHELGASRYRGADGPLRVSRGKTNHPLHCAFLEATQQAG
 YPLTEDMNGFQQEGFGWMDMTIHEGKRWSAACAYLHPALSRNLKAEATLVSRVLFEGTRAVGVEYVKN
 GQSHRAYASKEVILSGGAINSPQLMLSGIGNADDLKKLGIPVCHLPVGVQNLQDHLIYIQQACTRPI
 TLHSAQKPLRKVCIGLEWLWKFTGEGATAHLETGGFIRSQPGVPHPDIFHFLPSQVIDHGRVPTQQEAY
 QVHVGPMRGTSVGWLKLRANPDHPVIQPNYLSTETDIEDFRLCVKL TREIFAQEALAPFRGKELQPGS
 HIQSDKEIDAFVRAKADSAYHPSCCKMGQPSDPTAVVDPQTRVLGVENLRVVDASIMPSMVSGNLNAPT
 IMIAEKAADIKQPALWDKDVVYKPRTLATQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_018397
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F5723
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_018397.1</u>
RefSeq Size:	3711 bp
RefSeq ORF:	1785 bp
Locus ID:	55349
UniProt ID:	<u>Q8NE62</u>
Cytogenetics:	3p21.1
MW:	65.4 kDa