

Product datasheet for **RC202229A1V**

Human HCE (RNGTT) (NM_003800) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HCE (RNGTT) (NM_003800) AAV Particle
Tag:	Myc-DDK
Symbol:	RNGTT
Synonyms:	CAP1A; hCAP; HCE; HCE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202229 representing NM_003800
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCACACAAGATCCCGCCGGTGGCTGAAGTGTCCCGCGCGGCCAGCCGGTGGCAGGAAGAT
 TCTTACCTCTGAAGACAATGTTAGGACCAAGATATGATAGTCAAGTTGCTGAAGAAAATCGGTTCCATCC
 CAGCATGCTCTCAAATTACCTAAAGAGCCTAAAGGTTAAATGGGCTTGTGGTGGACCTGACAAATACT
 TCAAGGTTCTATGACCGAAATGACATAGAAAAAGAAGGAATCAATATATAAACTTCAGTGTAAGGAC
 ATGGTGAGTGCCCTACCACTGAGAATACTGAGACCTTTATTCGTCTGTGTGAGCGGTTTAAATGAAAGAA
 TCCACCTGAAGTATAGGTGTTTATTGTACTCATGGCTTCAATCGCACTGGTTTCTCATATGTGCTTT
 TTGGTGGAGAAAATGGATTGGAGTATCGAAGCAGCAGTTGCTACTTTTGGCCAGCCAGACCACCAGGAA
 TCTACAAGGGTGATTATTTGAAGGAACTTTTTCGTGCGTATGGTGACATAGAGGAAGCACCACCCACC
 TCTATTGCCAGATTGGTGTGTTGAGGATGATGAAGACGAAGATGAGGATGAGGATGGAAGAAGGAATCA
 GAACCCGGGTCAAGTGCTTCTTTGGCAAAAGGAGAAAAGAACGGTTAAACTGGGCGCTATTTCTTGG
 AAGGTGTTACTGTTAAAGGTGTAAGTCAAGTAAACAACAACCAACAAAGTTAGGAGAGGTACAGCAGAAGT
 TCATCAATTCTGTGGCTGGGAAGGGTCTGGATTCCCTGGAGCACAGCCTGTTTCCATGGACAAGCAAAAT
 ATTAAGTCTTTAGACCTGAAGCCATACAAAGTAAGCTGGAAAGCAGATGGTACTCGGTACATGATGTTGA
 TTGATGGCACAATGAAGTTTTATGATTGATAGAGACAATTCAGTATTTTCAATCTGGAATT
 TCCATTTCTGTAAGATCTTCGTATGCATTTATCAATACTCTCTTGGATGGCGAGATGATTATTGACAGA
 GTAAATGGACAGGCTGTTCTAGATATTTGATATATGACATAATTAATTCATTCACAGCCCGTTGGAG
 ATTGTGATTTTAAATGTTTCGTCTGCAGTGTATAGAACGAGAAATTATAAGTCTCGACACGAAAAAATGAA
 GACTGGGCTCATTGACAAAACACAGGAACCATTTAGCGTCAGAAATAAGCCGTTTTTTGACATCTGTACT
 TCAAGAAAGCTACTTGAAGGAAATTTTGGCAAGAAAGTGAAGCATGAAATGGATGGACTTATTTTCAGC
 CTACTGGAATAACAACCTGGTCGATGTGATGATATTTGAAATGGAAGCCTCCAGTCTGAATCTGT
 GGATTTTCGTCTAAAAATAACAAGAATGGGAGGAGAAGGGTACTTCTCAGAATGTTGGCCTCTGTAT
 GTTGGAGGTTATGAAAGACCTTTGCACAAATCAAGGTGACAAAAGAGCTGAAACAGTATGACACAAAA
 TTATAGAATGCAATTTGAGAACACAGCTGGGTCTTCATGAGACAGAGAACAGACAAAAGTTTCTAA
 TGCCTACAACACTGCCATGGCTGTGTGAACAGCATCTCAACCTGTCAACAGGAGATGCTGTTTGA
 TTCATGACAGATGACTGCAGCTTCTCAAGGACAGAAGCGAAAACATCATCTGGACCCTGACACGGAGC
 TCATGCCACCACCACCTCCCAAGACCACACCTTTAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAHNKIPRWLNCPRRGQPVAGRFLPLKTM LGPRYDSQVAEENRFHPSMLS NYLKSLKVKMGLLVDLTNT
 SRFYDRNDIEKEGIKYIKLQCKGHGECPTTENTETFI RLCERFNERNPPELIGVHCTHGFNRTGFLICAF
 LVEKMDWSIEAAVATFAQARPPGIYKGDYKELFRRYGDIEEAPPPPLLPDWC FDEDEDEDEDGKKES
 EPGSSASFGRRKERLKLGAIFLEGVTVKGVTVTTQPKLGEVQKCHQFCGWE GSGFPGAQPVSMKQON
 IKLLDLKPYKVS WKADGTRYMMLIDGTNEVF MIDRDNVSFHVSNLEFPFRKDLRMHLSNTLLDGEMI DR
 VNGQAVPRYLIYDI IKFNSQPVGDCDFNVLQCIEREIISPRHEKMKTG LIDKTQEPFSVRNKPFFDICT
 SRKLLLEGNFAKEVSHEMDGLIFQPTGKYKPGRCDDILKWKPPSLNSVD FRLKITRMGGEGLLPQNVGLLY
 VGGYERPFQAQIKVT KELKQYDNKIECKFENNSWVFMQRDTKSF PNAYNTAMAVCNSISNPVTKEMLFE
 FIDRCTAASQGGQKRKHLD PDTELMPPPPKRP HPLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_003800
ORF Size:	1791 bp
Buffer:	PBS with 0.001% Pluronic F5303
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_003800.2</u>
RefSeq Size:	4460 bp
RefSeq ORF:	1794 bp
Locus ID:	8732
UniProt ID:	<u>O60942</u>
Cytogenetics:	6q15
MW:	68.4 kDa