

Product datasheet for **RC209197A1V**

Human HLCS (NM_000411) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HLCS (NM_000411) AAV Particle
Tag:	Myc-DDK
Symbol:	HLCS
Synonyms:	HCS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209197 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAAGATAGACTCCACATGGATAATGGACTGGTACCCCAAAGATTGTGTCGGTGCACCTTCAGGACT
CCACTCTGAAGGAAGTTAAGGATCAGGTCTCAAACAAGCAAGCCAGATCCTAGAGCCGAAGCCTGAACC
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GCCCCGTTGAGCATTATCACCTCCATCTGTCTAGTTGCCACGAGTGTCTGGAACCTTGAGAACAGCACCAT
TGAGTCAGTCAAGTTTGGCTCTGCCGAGAACATTCCAGACCTTCCCTACGATTATAGCAGCAGTTTGGAG
AGTGTGCTGATGAGACCTCCCCGAAAGAGAAGGGAGGAGTCAACCTCACGGGAAAGGCACCCAACA
TCCTCCTCTATGTGGCTCCGACTCCAGGAAGCCCTCGGCCGGTTCCACGAGGTCCGGTCTGTGCTGGC
CGACTGTGTGGACATTGACAGTTATATTCTCTACCACCTGCTGGAGGACAGTGTCTCAGAGACCCGTGG
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GATCCCGTTTGTCCAGCATCTGATGTCCGTGGCTGTGCTGGAAGCAGTGAGGTCCATTCCCGAGTATCAG
GATATCAACTTACGAGTGAAGTGGCCCAACGATATTTATTACAGTGACCTCATGAAGATCGGCGGAGTTC
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TAACCCTACCATCTGCATCAACGACCTCATCAGAAATACAATAAACAACACAAGGCAGAACTGAAGCCC
TTAAGAGCCGATTATCTCATCGCCAGAGTCGTGACTGTGCTGGAGAACTGATCAAGAGTTTCAGGACA
AAGGGCCCAACAGCGTCCTTCCCTTTATTACCGATACTGGGTCCACAGTGGTCAGCAAGTCCATCTGGG
CAGCGCAGAGGGACCAAGGTGTCCATCGTTGGCCTGGACGATTCTGGCTTCTCCAGGTTACCCAGGAG
GGCGGCGAGGTTGTGACTGTGCACCCGGACGGCAACTCCTTCGACATGCTGAGAAACCTCATCTCCCA
AACGGCGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209197 protein sequence Red=Cloning site Green=Tags(s) MEDRLHMDNGLVPQKIVSVHLQDSTLKEVKDQVSNKQAQILEPKPEPSLEIKPEQDGMHVGRDDPKALG EEPQQRGSASGSEPAGDSDRGGGPVEHYHLHLSSCHECLELENSTIESVKFASAENIPDLPYDYSSSLE SVADETSPEREGRRVNLTKAPNILLYVGSDSQEALGRFHEVRSVLADCVIDSYILYHLLDSALRDPW TDNCLLLVIATRESIPEDLYQKF MAYLSQGGKVLGLSSSFTFGGFQVTSKGALHKTQNLVFSKADQSEV KLSVLSSGCRYQEGPVRLSPGRLQGHLENEKDRMIVHVFPFGTRGGEAVLCQVHLELPPSSNIVQTPEDF NLLKSSNFRRYEVLRILTTTLGLSCDMKQVPALTPLYLLSAAEEIRDPLMQWLGHVDSEGEIKSGQLSL RFVSSYVSEVEITPSCIPVVTNMEAFSSEHFNLEIYRQNLQTKQLGKVLFAEVTPTTMRLLDGLMFQTP QEMGLIVIAARQTEGKGRGGNVWLSPVGCALSTLLISIPLSQLGQRIPFVQHLMSVAVVEAVRSIPEYQ DINLRVKWPNDIYYSDLMKIGGVLVNSTLMGETFYILIGCGFNVNTNSNPTICINDLITEYNKQHKAEKLP LRADYLIARVVTVLEKLIKEFQDKGPNSVLPLYYRYWVHSGQQVHLGSAEGPKVSIVGLDDSGFLQVHQE GGEVTVHPDGNSTFMDLRNLILPKRR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000411
ORF Size:	2178 bp
Buffer:	PBS with 0.001% Pluronic F6388
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_000411.4</u>
RefSeq Size:	6019 bp
RefSeq ORF:	2181 bp
Locus ID:	3141
UniProt ID:	<u>P50747</u>
Cytogenetics:	21q22.13
MW:	80.8 kDa