

Product datasheet for **RC200609A1V**

Human HGS (NM_004712) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HGS (NM_004712) AAV Particle
Tag:	Myc-DDK
Symbol:	HGS
Synonyms:	HRS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC200609 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCAGGAGCGGCACCTTCGAGCGTCTCTAGACAAGGCGACCAGCCAGCTCCTGTTGGAGACAG
ATTGGGAGTCCATTTTGCAGATCTGCGACCTGATCCGCCAAGGGGACACACAAGCAAAATATGCTGTGAA
TTCCATCAAGAAGAAAGTCAACGACAAGAACCACACGTCGCCTTGATGCCCTGGAGGTCATGGAATCT
GTGGTAAAGAACTGTGGCCAGACAGTTCATGATGAGGTGGCCAACAAGCAGACCATGGAGGAGCTGAAGG
ACCTGTGAAGAGACAAGTGGAGGTAAACGTCCGTAACAAGATCCTGTACCTGATCCAGGCCTGGGCGCA
TGCCTTCCGGAACGAGCCCAAGTACAAGGTGGTCCAGGACACCTACCAGATCATGAAGGTGGAGGGGCAC
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AGGAATGCCACCGCTGCAGGGTGCAGTTCGGGGTGATGACCCGTAAGCACCCTGCCGGCGTGTGGGCA
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GTGTGTGAGCCCTGCTACGAGCAGCTGAACAGGAAAGCGAGGGAAAGGCCACTTCCACCCTGAGCTGC
CCCCGAGTACCTGACCAGCCCCCTGTCTCAGCAGTCCCAGCTGCCCCCAAGAGGGACGAGACGGCCCT
GCAGGAGGAGGAGGAGCTGCAGCTGGCCCTGGCGCTGTACAGTCAGAGGCGGAGGAGAAGGAGAGGCTG
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CAATGGCGAGTCTGAGGAGAGCCACGAGCAGTTCCTGAAGGCGCTGCAGAACGCCGTACCCACCTTCGTG
AACCAGCATGAAGAGTAACCACATGCGGGGCCGAGCATACCAATGACTCGGCCGTGCTCTCACTCTTCC
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TGAGGGGCTGCAGGACAAGCTGGCACAGATCCGCGATGCCCGGGGGCGCTGAGTGCCCTGCGCGAAGAG
CACCGGGAGAAGCTTCGCCGGGAGCCGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG
TGGAGATAATGCGGCAGAAGAAGCAGGAGTACCTGGAGGTGCAGAGGAGCTGGCCATCCAGCGCCTGCA
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ATGGTGAAGTGCCTACATGTACCCAGCAGGGGCCACTGGGGCGCAGGCGGCCCGCCAGGCCAGGCCGGAC
CCACCGCCAGCCCCGCTTACTCATCTACCAGCCTACTCCACAGCGGGCTACCAGAAGCTGGCCTCCCA
GGCCCCACAGAGCCTCCCGGCCATCTCTCAGCCTCCGAGTCCAGCACCATGGGTACATGGGGAGCCAG
TCAGTCTCCATGGGCTACCAGCCTTACAACATGCAGAATCTCATGACCACCCTCCCAAGCCAGGATGCGT
CTCTGCCACCCAGCAGCCCTACATCGCGGGGAGCAGCCCATGTACCAGCAGATGGCACCCTCTGGCGG
TCCCCCAGCAGCAGCCCCCGTGGCCAGCAACCGCAGGCACAGGGGCCCGCGCACAGGGCAGCGAG
GCCAGCTCATTTCATTGAC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200609 protein sequence Red=Cloning site Green=Tags(s) MGRGSGTFERLLDKATSQLLLETDWESILQICDLIRQGDQAKYAVNSIKKKVNDKNPHVALYALEVMES VVKNCGQTVHDEVANKQTMEELKDLLKRQVEVNVNRKILYLIQAWAHAFRNEPKYKVVDYQIMKVEGH VFPEFKESDAMFAAERAPDWDAEECHRCRVQFGVMTRKHCRACGQIFCGKCSSKYSTIPKFGIEKEVR VCEPCYEQLNRKAEGKATSTTELPPEYLTSPLSQQSQLPPKRDETALQEEEEELQALALSQSEAEKERL RQKSTYTSYPKAEPMPASSAPPASSLYSSPVNSSAPLAEDIDPELARYLNRNYWEKKQEEARKSPTPSA PVPLTEPAAQPGEGHAAPTNVVENPLPETDSQPIPPSGGPFSEPOFHNGESEESHEQFLKALQNAVTTFV NRMKSNHMRGRSITNDSAVLSLFQSGINGMHPQLLELLNQLDERRLYYEGLQDKLAQIRDARGALSALREE HREKLRRAAEEAERQRQIQLAQKLEIMRQKKQEYLEVQRQLAIQRLQEKEKERQMRLEQQKQTVQMRAQM PAFPLPYAQLQAMPAAGGVLYQPSGPASFPSTFSPAGSVEGSPMHGVYMSQPAPAAGPYPSMPSTAADPS MVSAYMYPAGATGAQAAPQAQAGPTASPAYSSYQPTPTAGYQNVASQAPQSLPAISQPPQSSTMGYMSQ SVSMGYQPYNMQNLMTTLPSQDASLPPQQPYIAGQQPMYQQMAPSGGPPQQQPPVAQQPQAQGPAAQGSE AQLISFD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004712
ORF Size:	2331 bp
Buffer:	PBS with 0.001% Pluronic F5086
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:	NM_004712.3
RefSeq Size:	2986 bp
RefSeq ORF:	2334 bp
Locus ID:	9146
UniProt ID:	O14964
Cytogenetics:	17q25.3
MW:	86.2 kDa