

Product datasheet for **RC210009A1V**

Human HGD (NM_000187) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HGD (NM_000187) AAV Particle
Tag:	Myc-DDK
Symbol:	HGD
Synonyms:	AKU; HGO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC210009 representing NM_000187
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGTTAAAGTACATTTCTGGATTGGGAATGAGTGTTCTTCAGAGGATCCTCGTGCCAGGTT
 CCCTGCCAGAAGGACAGAATAATCCTCAGGTCTGCCCCACAATCTCTATGCTGAGCAGCTCTCAGGATC
 GGCTTTCACTTGTCCACGGAGCACCAATAAGAGAAGCTGGCTGTATAGGATTCTACCTTCAGTTTCTCAC
 AAGCCCTTTGAATCCATTGACGAAGGCCATGTCACTCACAAGTGGGATGAAGTTGATCCTGATCCTAACC
 AGCTTAGATGGAACCATTTGAGATTCCAAAAGCATCTCAGAAGAAAGTAGACTTTGTGAGTGGCCTGCA
 TACCTTGTGTGGAGCTGGAGACATAAAGTCTAACAAATGGGCTTGTATCCACATTTTCTCTGCAATACC
 TCCATGGAGAACAGATGCTTTTACAATCAGATGGGGACTTCTGATTGTTCCGCAGAAAGGGAACCTTC
 TCATTTACACCGAGTTTGGCAAGATGCTTGTACAGCCCAATGAGATCTGCGTCATTGAGAGGAATGCG
 GTTCAGCATAGATGTCTTTGAGGAGACAGGGGCTACATCTTGGAGGTCTATGGTGTCCACTTTGAGTTA
 CCTGACCTTGGACCAATTGGGGCCAATGGCTTGGCCAATCCTCGTGATTCTTGATACCCATTGCCTGGT
 ATGAGGATCGCCAAGTACCAGGTGGTTACACGGTCATTAATAAATACCAGGGCAAGCTGTTTGTGCCAA
 ACAGGATGTCTCCCCGTTCAATGTTGTGGCCTGGCAGCGGAATTATACACCCTACAAGTACAACCTGAAG
 AATTTTCATGGTTATCAACTCAGTGGCCTTTGACCATGCAGACCCATCCATTTTCAGATTGACTGCTA
 AGTCTGTCCGCCCTGGAGTGGCCATTGCTGATTTTGTATCTTCCACCTCGATGGGGGGTTGCTGATAA
 GACCTTCAGGCCTCCTTATTACCATAGGAATGCATGAGTGAGTTCATGGGACTCATCCAGGTCACTAT
 GAGGCAAGCAAGGTGGGTTCTGCCAGGGGGAGGAGTCTACACAGCACAATGACCCCCCATGGACCTG
 ATGCTGACTGCTTTGAGAAGGCCAGCAAGGTCAAGCTGGCACCTGAGAGGATTGCCGATGGCACCATGGC
 ATTTATGTTTGAATCATCTTTAAGTCTGGCGGTCACAAAGTGGGACTCAAGGCCTCCAGGTGTTTGGAT
 GAGAACTACCACAAGTGTGGGAGCCACTCAAGAGCCACTTCACTCCCAACTCCAGGAACCCAGCAGAAC
 CTAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MAELKYISGFGNECSSEDPKCPGSLPEGQNNPQVCPYNLYAEQLSGSAFTCPRSTNKRSLYRILPSVSH
 KPFESIDEGHVTHNWDEVDPDNQLRWKPFIPKASQKKVDFVSLHTLCGAGDIKSNNGLAIHIFLCNT
 SMENRCFYNSDGDFLIVPQKGNLLIYTEFGKMLVQPNEICVIQGMRFSDVFEETRGIYILEVYGVHFL
 PDLGPIGANGLANPRDFLIPIAWYEDRQVPGGYTVINKYQGKLLLPNRMSPRMLWPGTGIIHPTSTT

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000187

ORF Size:

1335 bp

Buffer:

PBS with 0.001% Pluronic F68

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_000187.2</u>
RefSeq Size:	2012 bp
RefSeq ORF:	1338 bp
Locus ID:	3081
UniProt ID:	<u>Q93099</u>
Cytogenetics:	3q13.33
MW:	50 kDa