

Product datasheet for **RC219526A1V**

Human HPS1 (NM_000195) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HPS1 (NM_000195) AAV Particle
Tag:	Myc-DDK
Symbol:	HPS1
Synonyms:	BLOC3S1; HPS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC219526 representing NM_000195
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGTGCCTCTTGGTGGCCACTGAGGGCGCAGAGGTCCTCTTCTACTGGACAGATCAGGAGTTTGAAG
 AGAGTCTCCGGCTGAAGTTCGGGCAGTCAGAGAATGAGGAAGAAGAGCTCCCTGCCCTGGAGGACCAGCT
 CAGCACCTCCTAGCCCCGCTCATCTCTCCATGACGATGCTGGAGAAGCTCTCGGACACCTACACC
 TGCTTCTCCACGAAATGGCAACTTCTGTATGCTCTTACCTGTTTGGAGAATGCCTGTTATTGCCA
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 AGTGCCTTTGGGCTGGTACTGTGGACGGTCATCTTATCCGAAAGGAGCTGCGGCCCCAGACCTGGCG
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 TGTGGCAGGGCATCAACCTGGTCTCTGACCAGGAGCCCCAGCGGCCCTGGCCCTGGTTCTGTCCCA
 GCTGATGGATGGCTTCTCCATGCTGGAGAAGAAGCTGAAGGAAGGGCCGAGCCCCGGGGCTCCCTGCGC
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 CCCAGCAGGGGAGGCCACACCTGCCCCAGCACCTGCAGGACCAAGTGACAGAGGCTCATGCGGAGAAGC
 TGACGGACTGGAAGGACTTCTTGTGGTGAAGAGCAGGAGGAACATCACCATGGTGTCTACCTAGAAGA
 CTTCCCAGGCTTGGTGCCTTCTATGTGGACCGCACCCTGGGAGATGGTGGCGCCTTCCCTCAAC
 TGCAGTCAAAGACCTCGTCGGAGTTGGCAAGGGCCGCTGGCTGCCTTTGTCAAACCTAAGGTCTGGT
 CTCTGATCCAGCTGGCGCGCAGATACCTGCAGAAGGGCTACACCACGCTGCTGTTCCAGGAGGGGATTT
 CTACTGCTCTACTTCTGTGGTTTCGAGAATGACATGGGGTACAACTCCAGATGATCGAGGTGCCCGTC
 CTCTCCGACGACTCAGTGCCTATCGGCATGCTGGGAGGAGCTACTACAGGAAGCTCCTGCGCTACTACA
 GCAAGAACCGCCCAACCGAGGCTGTCAAGTGTACGAGCTGCTGGCCCTGCACCTGTCTGTATCCCCAC
 TGACCTGCTGGTGCAGCAGGCCGGCCAGCTGGCCCGCGCCTCTGGGAGGCTCCCGTATCCCCCTGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC219526 representing NM_000195 Red=Cloning site Green=Tags(s) MKCVLVATEGAEVLFYWTDQFEESRLKFGQSENEEEELPALEDQLSTLLAPVISSMTMLEKLSDTYT CFSTENGNFLLVHLFGECFLIAINGDHTSEGDRLRRLYVLKYLFEVHFGLVTVDGHLIRKELRPPDLA QRVQLWEHFQSLLWTYSRLREQEQCFAVEALERLIHPQLCEALERHVIQAVNTSPERGEEALHAF LLVHSLKLLAFYSSHSASSLRPADLLAILLVQDLYPSESTAEDDIQSPRRARSSQNIPVQQAWSPHSTG PTGGSSAETETDSFSLPEEYFTPAPSPGDQSSGSTIWLEGGTPPMDALQIAEDTLQTLVPHCPVPSGPRR IFLDANVKESYCPLVPHTMYCLPLWQGINLVLLTRSPSAPLALVLSQLMDGFSMLEKKLKEGPEPGASLR SQPLVGDLRQRMDFVKNRGAQEIQSTWLEFKAKAFSKSEPGSSWELLQACGKLKRQLCAIYRLNFLT PSRGGPHLPQHLQDQVQRLMREKLTWKFLLVKSRRNITMVSYLEDFPGLVHFIVVDRTTGQMVAPSLN CSQKTSSSELGKGPLAAFVTKVWSLIQLARRYLQKGYTTLLFQEGDFYCSYFLWFENDMGYKLQMIIEVPV LSDDSVPIGMLGGDYRKLLRYYSKNRPTAVRCYELLALHLSVIPTDLLVQQAGQLARRLWEASRIPLL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000195
ORF Size:	2100 bp
Buffer:	PBS with 0.001% Pluronic F8008
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_000195.2</u>
RefSeq Size:	3714 bp
RefSeq ORF:	2103 bp
Locus ID:	3257
UniProt ID:	<u>Q92902</u>
Cytogenetics:	10q24.2
MW:	79.1 kDa