

Product datasheet for **RC220440A1V**

Human Huntingtin Associated Protein 1 (HAP1) (NM_001079871) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Huntingtin Associated Protein 1 (HAP1) (NM_001079871) AAV Particle
Tag:	Myc-DDK
Symbol:	HAP1
Synonyms:	HAP2; hHLP1; HIP5; HLP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220440 representing NM_001079871
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGCCCGAAGAGGTTGGCCGGTGCTGCGCGGGAGCCGGCTCGGACCCGGGGACCCAGCAGCACTCA
 CCTGTGCACCTTCGCCCTCAGCCAGTCCCGCTCCGGAGCCCTCTGCGCAGCCGCAGGCACGGGGCACTGG
 ACAGAGAGTAGGATCCCAGCCACCTCTGGATCCAGTTCTCTCGGAAGCCCGACCGGAGCTCGCCCG
 GCCTCGGAGGCTGGAGCCAAGGCAGGAGCCCGCGCCCGTCCGCATTCTCGGCCATCCAAGGGGATGTCC
 GGTCTATGCCGACAATTCGGACGCGCCGTGGACCCGCTTCGTATTCCAAGGGCCGTTTGGTTCCCGGGC
 CACTGGCCGGGGACTGGAAAGGCAGCGGGCATCTGGAAGACGCCAGCCGCTACGTTGGCCGGCGACCC
 GGGGTGTCGGCCCTGAGCGCGCCGCTTTATTCGGGAGCTGGAGGAAGCACTGTGTCTAACCTACCTC
 CGCCAGTCAAAAAGATCACCCAGGAAGACGTCAAAGTGATGTTATTTGCTGGAGGAGCTTCTCCACC
 TGTCTGGGAGAGCGTTACCTATGGGATGGTCTGCAGAGAGAGAGGGACCTGAACACTGCAGCTCGCATC
 GGCCAGTCCCTGGTGAACAGAACAGTGTTCGATGGAGGAGAAGCAAGCTGGAAGCCCTGCTGGGCT
 CAGCCAAGGAGGAGATTTTATACCTCAGACACCAGGTGAACCTGCGGGATGAGCTCCTCCAGCTCTACTC
 AGATTCTGATGAGGAGGATGAGGATGAAGAAGAGGAGGAGGAAGAAAAGGAGGCAGAAGAGGAACAGGAA
 GAAGAAGAAGCAGAGGAAGACCTGCAGTGTGCTCATCCCTGTGATGCCCTAAGCTGATTTTCGAGGAGG
 CATTGCTGCACCAAGCAGCTGCCACAGCTGGAAGCCTTGAGGAGAGCTGAGGCTGCTGGAGGAGGA
 GAATCATCAGCTGAGAGAAGAGGCTCTCAACTCGACACTCTTGAGGATGAGGAACAGATGCTCATTCTG
 GAGTGTGTGGAGCAGTTTTCGGAGGCCAGCCAACAGATGGCTGAGCTGTGAGGAGTGTGGTGTCTCAGGC
 TGGAAAACATGAACGCGCAGCAGGAGGTGCTCGGCTGCAGGCCAGGTGCTGAAGCTGCAGCAGCG
 CTGCCGATGGAGACTCTTCTGGTTTCCAGGAGACGCTGGCTGAGGAGCTCAGAACGCTCTCTAAGGAGG
 ATGATCTCAGACCCTGTGATTTTATGGAGAGGAATTATGAGATGCCAGAGGGGACACATCCAGCCTAA
 GGTATGATTTTCGCTACAGTGAAGTGCAGAGCAGGTGCGGGGTTTGAAGCTGAGGAAGGGTTGATGCT
 GGCAGCGGATATCATGCGGGGGGAAGATTTACGCCTGCGGAGGAGTTCGTGCCCGAGGAGCTGGGG
 GCTGCCAAGAAGGTGCCGGCTGAGGAAGGGGTGATGGAAGAGGCAGAGCTGGTGTGAGGAGAGCCGAGG
 GCTGGGAGGAGGTGGAAGTGGAGCTGGATGAGGCAACGCGGATGAACGTGGTACATCAGCCCTGGAGGC
 CAGCGGCTTGGCCCTTACACCTGGACATGAATTATGCTCTCAGCAGCTGGCCAACTGGCAAGATGCC
 CATTACAGGCGCAGCTGAGGTGGAAGATGCTCCAGAAAGGTGAGTGCCCCACGGGGCCCTCCCTGCCG
 CCAGCCGACAAGCTGCAGATCGTCGTGCCGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRPKRLGRCCAGSRLGPGDPAALTCAPSPSASPAPEPSAQPPARGTGQRVGSRATSGSQFLSEARTGARP
 ASEAGAKAGARRPSAFSAIQGDVRSMPDNDAPWTRFVFQGPFGSRATGRGTGKAAGIWKTPAAYVGRRP
 GVSPPERAAFIREELEALCPNLPPPVKKITQEDVKVMLYLLEELLPPVWESVTYGMVLQRRERDLNTAARI
 GQSLVKQNSVLMEENSKLEALLGSAKEEILYLRHQVNLRLDELLQLYSDSDEEDEDEEEEEKEEEEEQE
 EEEAEEDLQCAHPCDAPKLISQEALLHQHCPQLEALQEKRLLEEENHQLREEASQLDTLEDEEQMLIL
 ECVEQFSEASQMAELSEVLVLRLENYERQQEVARLQAQVLKLQQRCRMETLPGFQETLAEELRTSLRR
 MISDPVYFMERNYEMPRGDTSSRLRYDFRYSEDREQVRGFEAEGLMLAADIMRGEDFTPAEEFVPQEELG
 AAKKVPAAEEGVMEEAELVSEETEGWEEVELELDEATRMNVVTSALEASGLGPSHLDMMNYVLQQLANWQDA
 HYRRQLRWKMLQKGECPHGALPAASRTSCRSSCR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001079871
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F8173
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_001079871.1, NP_001073340.1</u>
RefSeq Size:	3869 bp
RefSeq ORF:	1785 bp
Locus ID:	9001
UniProt ID:	<u>P54257</u>
Cytogenetics:	17q21.2
MW:	66.5 kDa