

Product datasheet for **RC200523A1V**

Human HSPA2 (NM_021979) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HSPA2 (NM_021979) AAV Particle
Tag:	Myc-DDK
Symbol:	HSPA2
Synonyms:	HSP70-2; HSP70-3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC200523 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCGCCCCGTGGCCCCGCTATCGGCATCGACCTGGGCACCACCTATTCGTGCGTCGGGGTCTTCCAAC
ATGGCAAGGTGGAGATCATCGCCAACGACCAGGGCAATCGCACCACCCAGCTACGTGGCCTTCACGGA
CACCGAGCGCCTCATCGGCGACGCCCAAGAACCAGGTGGCCATGAACCCACCAACACCATCTTCGAC
GCCAAGAGGCTGATTGGACGGAATTCGAGGATGCCACAGTGCAGTCGGATATGAAACTGGCGTTCC
GGGTGGTGAAGGAGGGAAGCCAAAGTGAAGTAGAGTACAAGGGGAGACCAAGACCTTCTTCCC
AGAGGAGATATCCTCCATGGTCTCACGAAGATGAAGGAGATCGCGGAAGCCTACCTGGGGGCAAGGTG
CACAGCGCGGTCATAACGGTCCCGGCTATTTCAACGACTCGCAGCGCCAGGCCACCAAGGACGAGGCA
CCATCACGGGGCTCAATGTGCTCGCATCATCAACGAGCCACGGCGGGCCATCGCCTACGGCCTGGA
CAAGAAGGGCTCGCGGGCGGCGAGAAGAAGTCTCATCTTTGACCTGGCGGTGGCACTTTTCAGCTG
TCCATCCTGACCATCGAGGATGGCATCTTCGAGGTGAAGTCCACGGCCGGCGACACCCACCTGGCGGGT
AGGACTTCGACAACCGCATGGTGAAGCACCTGGCGGAGGAGTTCAAGCGCAAGCACAAGAAGGACATTGG
GCCCAACAAGCGCGCGTGAAGCGGCTGCGCACCCTTTCGAGCGCGCAAGCGCACCTGAGCTCGTCC
ACGCGAGCGGATCGAGATCGACTCGCTCTACGAGGGCGTGGACTTCTATACGTCCATCACGCGCGCC
GCTTCGAGGAGCTCAATGCCGACCTCTTCGCGGGACCTGGAGCCGTTGGAGAAGGCGCTGCGGACGC
CAAGCTGGACAAGGGCCAGATCCAGGAGATCGTGTGGTGGCGGCTCCACTCGTATCCCAAGATCCAG
AAGCTGCTGCAGGATTTCTTCAACGGCAAGGAGCTGAACAAGAGCATCAACCCGACGAGGCGGTGGCCT
ATGGCGCGCGGTGCAGGCGGCCATCTCATCGCGCAAAATCAGAGAATGTGCAGGACCTGCTGCTACT
CGACGTGACCCCGTTGTCGCTGGGCATCGAGACAGCTGGCGGTGTCATGACCCCACTCATCAAGAGGAAC
ACCACGATCCCCACCAAGCAGACGACGACCTTACCACCTACTCGGACAACCAGAGCAGCGTACTGGTGC
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TCCCCCTGCGCTCGCGGGTCCCCAAATCGAGGTTACCTTCGACATTGACGCAATGGCATCCTTAAC
GTTACCGCCGCGACAAGAGCACCGGTAAGGAAAACAAATCACCATACCAATGACAAAGGTCGTCTGA
GCAAGGACGACATTGACCGGATGGTGCAGGAGGCGGAGCGGTACAAATCGGAAGATGAGGCGAATCGCGA
CCGAGTCGCGGCCAAAAACGCCCTGGAGTCTATACCTACAACATCAAGCAGACGGTGAAGACGAGAAA
CTGAGGGGCAAGATTAGCGAGCAGGACAAAAACAAGATCCTCGACAAGTGTGAGGAGGTGATCAACTGGC
TCGACCGAAACAGATGGCAGAGAAAGATGAGTATGAACACAAGCAGAAAGAGCTCGAAAGAGTTTGCAA
CCCCATCATCAGCAAACTTTACCAAGGTGGTCTTGGCGGCGGACGCGGCGGCGGCTTCAAGAGCCTCC
GGGGGACCCACCATCGAAGAAGTGGAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC200523 protein sequence Red=Cloning site Green=Tags(s) MSARGPAIGIDLGTITYSCVGVFQHGKVEIANDQGNRTTPSYVAFTDTERLIGDAAKNQVAMNPTNTIFD AKRLIGRKFEATVQSDMKHWPFRVSEGGKPKVQVEYKGETKTFPPEEISSMVLTKMKEIAEAYLGGKV HSAVITYPAYFNDSQRQATKDAGTITGLNVLRIINEPTAAAIAYGLDKKGCAGGEKNLIFDLGGGTFDV SILTIEDGIFEVKSTAGDTHLGGEDFDNRMVSHLAEEFKRKHKKDIGPNKRAVRRRLTACERAKRTLSSS TQASIEIDSLYEGVDFYTSITRARFEELNADLFRGTLEPVEKALRDAKLDKGQIQEIVLVGGSTRIPKIQ KLLQDFNGKELNKSINPDEAVAYGAAVQAAAILIGDKSENVQDLLLDVTPLSLGIETAGGVMTPLIKRN TTIPTKQTQFTTYSNQS SVLVQVYEGERAMTKDNNLLGKFDLTGIPPAPRGVPQIEVTFDIDANGILN VTAADKSTGKENKITITNDKGRLSKDDIDRMVQEAERYKSEDEANRDRVAAKNALESYTYNIKQTVDEK LRGKISEQDKNKILDKCQEVINWLDNRNQMAEKDEYEHKQKELERV CNPIISKLYQGGPGGGSGGGSGAS GGPTIEEVD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021979
ORF Size:	1917 bp
Buffer:	PBS with 0.001% Pluronic F5076
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_021979.2</u>
RefSeq Size:	2802 bp
RefSeq ORF:	1920 bp
Locus ID:	3306
UniProt ID:	<u>P54652</u>
Cytogenetics:	14q23.3
MW:	70 kDa