

Product datasheet for **RC207795A1V**

Human HSPA6 (NM_002155) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HSPA6 (NM_002155) AAV Particle
Tag:	Myc-DDK
Symbol:	HSPA6
Synonyms:	HSP70B'
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207795 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCAGGCCCCACGGGAGCTCGCGGTGGGCATCGACCTGGGCACCACTACTCGTGCCTGGGCGTGTTC
AGCAGGGCCGCGTGGAGATCCTGGCCAACGACAGGGCAACCGCACCAAGCCAGCTACGTGGCCTTAC
CGACACCGAGCGGCTGGTCGGGGACGCGGCCAAGAGCCAGGCGGCCCTGAACCCCCACAACACCGTGTTC
GATGCCAAGCGGCTGATCGGGCGCAAGTTCGCGGACACCAAGTGCAGTCGGACATGAAGCACTGGCCCT
TCCGGGTGGTGAGCGAGGGCGGCAAGCCCAAGTGCAGTATGCTACCGCGGGAGGACAAGACGTTCTA
CCCCGAGGAGATCTCGTCCATGGTGTGAGCAAGATGAAGGAGACGGCCGAGGCGTACCTGGGCCAGCCC
GTGAAGCACGAGTATCACCGTCCCGCTATTTCAATGACTCGCAGCGCCAGGCCACCAAGGACGCGG
GGGCCATCGCGGGCTCAACGTGTTGCGGATCATCAATGAGCCACGGCAGCTGCCATCGCTATGGGCT
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GTTCTCTCCATTGACGCTGGTGTCTTTGAGGTGAAAGCCACTGCTGGAGATACCCACCTGGGAGGAGAGG
ACTTCGACAACCGGCTCGTGAACCACTTCATGGAAGAATTCGCGCGGAAGCATGGGAAGGACCTGAGCGG
GAACAAGCGTGCCCTGCGCAGGCTGCGCACAGCCTGTGAGCGCGCCAAGCGCACCTGTCTCCAGCACC
CAGGCCACCTGGAGATAGACTCCCTGTTGAGGGCGTGGACTTCTACAGTCCATCACTCGTCCCCGCT
TTGAGGAACTGTGCTCAGACCTTCCGAGCACCTGGAGCCGGTGGAGAAGGCCCTGCGGGATGCCAA
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TTGCTGCAGGACTTCTCAACGCAAGGAGCTGAACAAGAGCATCAACCCTGATGAGGCTGTGGCCTATG
GGGCTGCTGTGCAGGCGGCCGTGTTGATGGGGGACAAATGTGAGAAAGTGCAGGATCTCCTGCTGCTGGA
TGTGGCTCCCCTGTCTCTGGGGCTGGAGACAGCAGGTGGGGTGATGACCACGCTGATCCAGAGGAACGCC
ACTATCCCCACCAAGCAGACCCAGACTTTCACCACCTACTCGGACAACCAAGCCTGGGGTCTTCATCCAGG
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TCCTGCCCCACGTGGAGTCCCCCAGATAGAGGTGACCTTTGACATTGATGCTAATGGCATCCTGAGCGTG
ACAGCCACTGACAGGAGCACAGGTAAGGCTAACAAGATCACCATACCAATGACAAGGGCCGGCTGAGCA
AGGAGGAGGTGGAGAGGATGGTTCATGAAGCCGAGCAGTACAAGGCTGAGGATGAGGCCAGAGGGACAG
AGTGGCTGCCAAAACTCGCTGGAGGCCATGTCTTCATGTGAAAGGTTCTTTGCAAGAGGAAAGCCTT
AGGGACAAGATTCGCGAAGAGGACAGGCGCAAAATGCAAGACAAGTGTGCGGAAGTCCTTGCCTGGCTGG
AGCACAAACAGCTGGCAGAGAAGGAGGAGTATGAGCATCAGAAGAGGGAGCTGGAGCAAATCTGTGCCCC
CATCTTCTCAGGCTCTATGGGGGCGCTGGTGTCCCTGGGGGAGCAGTTGTGGCACTCAAGCCGCCAG
GGGGACCCAGCACCGGCCCCATCATTGAGGAGTTGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207795 protein sequence Red=Cloning site Green=Tags(s) MQAPRELAVGIDLGTTYSCVGVFQQGRVEILANDQGNRTTPSYVAFTDTERLVGDAAKSQAALNPHTVF DAKRLIGRKFAADTTVQSDMKHWPFRVSEGGPKVVRVCYRGEDKTFYP EEISSMVL SKMKETA EAYLGQP VKHAVITVPAYFNDSQRQATKDAGAIAGLNVLR IINEPTAAAIAYGLDRRGAGERNVLIFDLGGGTFDVS VLSIDAGVFEVKATAGDTHLGGEDFDNRLVNHFMEEFR RKHGKDL SGNKRALRRLTACERAKRTLSSST QATLEIDSLFEGVDFYTSITRARFEELCSDLFRSTLEPVEKALRDAKLDKAQIHDVVLVGGSTRIPKVQK LLQDFFNGKELNKSINPDEAVAYGA AVQA AVL MGD KCEKVQDLLLLDVAPLSLGLETAGGVM TTIQRNA TIPTKQTQFTTYS DNQPGVFIQVYEGERAMTKDNNLLGRFELSGIPPAPRGVPQIEVTFDIDANGILSV TATDRSTGKANKITITNDKGRLSKEEVERMVHEAEQYKA EDEAQRDRVA AKNSLEAHVFHVKGSLQEESL RDKIPEEDRRKMQDKCREVLAWLEHNQLAEKEEYEHQKRELEQICRPIFSRLYGGPGVPGGSSCGTQARQ GDPSTGP IIEVD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002155
ORF Size:	1929 bp
Buffer:	PBS with 0.001% Pluronic F6131
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_002155.3 , NP_002146.2
RefSeq Size:	2664 bp
RefSeq ORF:	1932 bp
Locus ID:	3310
UniProt ID:	P17066
Cytogenetics:	1q23.3
MW:	71 kDa