

Product datasheet for **MR208190A1V**

Mouse Hspa14 (NM_015765) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Hspa14 (NM_015765) AAV Particle
Tag:	Myc-DDK
Symbol:	Hspa14
Synonyms:	70kDa; Hsp70-4; HSP70L1; hsr.1; NST-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208190 representing NM_015765
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCGATCGGCGTGCACCTGGGCTGCACATCAGCCTGTGTGGCTGTCTACAAGGATGGCCGGGCCG
 ATGTGGTTGCAATGATGCAGGGGATAGAGTCACACCAGCCATTGTTGCTTACTCGGAACGTGAACAGGT
 GGTTGGACTGGCAGCAAAACAAAGTAGAATAAGACATGTTTCAAGCACAGTAGTAAAGTGAACAGATC
 CTTGGCAGAAGCTCTGCAGATCCACAAGCTCAGAAATACATCTCAGAAAGTAAATGCTTAGTCATTGAGA
 AAAATGGGAAGTTGCGGTATGAAATAGATACAGGAGAAGAAACAAACTTGTTAATCCAGAAGATGTTGC
 CAGACTGATATTCAGTAAATGAAAGAAACAGCGCATTCTGCTGGGCTCAGATGCAATGACGTGGTT
 GTCAGTGTCCATTTGACTTTGGAGAAAAGCAGAAGTCTGCTCTGGGGAGGCGGCTGGAGCTGCTGGAT
 TTAACGTGCTGCGGCTGATCCATGAGCCGTCTGCAGCTCTCCTTGCTTATGGGATTGGACAAGACCACC
 TACCGGAAGAGCAATGTTTTGGTGTAAAGCTTGGAGGAACGTCCTTATCGCTCAGTGTGATGAAGTT
 AACAGTGGGATGTATCGGGTCTTTCCACAAACACAGTGACAACATAGGGGGCGCACATTTACAGACA
 CCTTAGCACAGTACCTGGCTTCGGAGTTCCAGAGGTTGTTCAAACATGATGTGAGAGGAAATGCCCGAGC
 CATGATGAAATTGATGAACAGCGCTGAAGTGGCCAAGCATTCTCTGTCAACCTTGGGAAGTGCCAAGTGC
 TTTGTAGATTCTTGTATGAAGGTCAAGACTTTGATTGCAATGTGTCCAGAGCAAGATTTGAGCTGCTCT
 GTTCTCCGCTTTTTAACAAATGTACAGAAGCAATCCGGGAGCTTTCGCCAGACTGGATTACAGCAGA
 TGATATCAACAAGGTTGTGCTGTGTGGTGGATCTTCCAGAATCCCAAAGCTGCAGCAGCTGATTAAGAT
 CTCTTCCAGCCGTGGACCTCTCAACTCTATCCCTCCAGATGAGGTCATCCCTATTGGTGCAGCCATAG
 AAGCCGGGATTCTTGTGGGAAAGAGACAGTCAGGAGATGACTCTGTCATGATAGAGTGTTCAGCCAA
 GGATATTTTAGTTAAGGGAGTGGATGAGTCAGGTGCCGACAGATTCACAGTACTGTTCCCTCTGGGACC
 CCGCTGCCAGCCGAAGACAGCACACTGCAGGCCCGGGAGGGTGTCTTCCGTTTGCTTGAAGTCT
 ATGAGTCTGAGGGGAAGAACTCTGCTAAAGAGGAGGCCAAGTTTGCACAGGTTGTACTCCAGGACTTAGA
 TAAAAAGAAATGGATTGCGTGATATATTAGCTGTTCTTACTATGAAAGGGATGGATCTTACAGGTG
 ACGTGCACAGACCAAGACACCGGCAAGTGTGAGGCCATTACTGTTGAGGTTGCATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208190 representing NM_015765
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MAAIGVHLGTSACVAVYKDGRADVANDAGDRVTPAIVAYSEREQVVGLAAKQSRIRHVSSTVVVKQI
 LGRSSADPQAQKYISESKCLVIEKNGKLRYEIDTGEETKLVNPDVARLIFSMMKETAHSVLGSANDVV
 VTVPDFGEGKQKQKALGEAAGAAGFNVRLRIHEPSAALLAYGIGQDHTGKSNVLVFKLGGTSLSLVMEV
 NSGMYRVLSTNTSDNIGGAHFTDTLAQYLASEFQRLFKHDVRGNARAMMKLMNSAEVAKHSLSTLGSANC
 FVDSLIEGQDFDCNVSRARFELLCSPLFNKCTEAIRELLRQTGFTADDINKVVLGCGSSRIPLQLIKD
 LFPAYDLLNSIPPDEVIPIGAAIEAGILVGKESTSGDDSVMIIECSAKDILVKGVDSESGADRFTVLFPSGT
 PLPARRQHTLQAPGRVSSVCLLEYESEGKNSAKEEAKFAQVVLQDLDDKKNGLRDILAVLTKMRDGLSQV
 TCTDQDTGKCEAITVEVAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_015765

ORF Size:

1527 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_015765.2</u> , <u>NP_056580.2</u>
RefSeq Size:	1791 bp
RefSeq ORF:	1530 bp
Locus ID:	50497
UniProt ID:	<u>Q99M31</u>
Cytogenetics:	2 A1
MW:	54.7 kDa