

Product datasheet for **RC208556A1V**

Human Heparanase 1 (HPSE) (NM_006665) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Heparanase 1 (HPSE) (NM_006665) AAV Particle
Tag:	Myc-DDK
Symbol:	Heparanase 1
Synonyms:	HPA; HPA1; HPR1; HPSE1; HSE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208556 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGCTGCGCTCGAAGCCTGCGCTGCCGCCGCGCTGATGCTGCTGCTCCTGGGGCCGCTGGGTCCCC
 TCTCCCTGGCGCCCTGCCCGACCTGCGCAAGCACAGGACGTCGTGGACCTGGACTTCTTCACCCAGGA
 GCCGCTGCACCTGGTGAGCCCTCGTTCTGTCCTGACCATTCAGCCAACTGGCCACGGACCCGCGG
 TTCCTCATCTCTGGGTTCTCAAAGCTTCGTACCTTGCCAGAGGCTTGCTCCTGCTACCTGAGGT
 TTGGTGGCACCAAGACAGACTTCTAATTTTCGATCCCAAGAAGGAATCAACCTTTGAAGAGAGAAGTTA
 CTGGCAATCTCAAGTCAACCAGGATATTTGCAATATGGATCCATCCCTCCTGATGTGGAGGAGAAGTTA
 CGGTTGGAATGGCCCTACCAGGAGCAATTGCTACTCCGAGAACTACCAGAAAAAGTTCAAGAACAGCA
 CCTACTCAAGAAGCTCTGTAGATGTCTATACACTTTTGCAAAGCTGCTCAGGACTGGACTTGATCTTTGG
 CCTAAATGCGTTATTAAGAAGCAGAGATTTGCAGTGGAACAGTTCTAATGCTCAGTTGCTCCTGGACTAC
 TGCTCTTCCAAGGGTATAACATTTCTTGGGAAGTGGCAATGAACCTAACAGTTTCTTAAGAAGGCTG
 ATATTTTCATCAATGGGTCGAGTTAGGAGAAGATTTTATTCAATTGCATAAACTTCTAAGAAAGTCCAC
 CTTCAAAAATGCAAACTCTATGGTCTGATGTTGGTCAGCCTCGAAGAAAGACGGCTAAGATGCTGAAG
 AGCTTCTGAAGGCTGGTGGAGAAGTATTGATTCAGTTACATGGCATCACTACTATTTGAATGGACGGA
 CTGCTACCAGGGAAGATTTTCTAAACCTGATGATTGGACATTTTATTTTCTGTGCAAAAAGTTTT
 CCAGGTGGTTGAGAGCACCAGGCTGGCAAGAAGTCTGGTTAGGAGAAACAAGCTCTGCATATGGAGGC
 GGAGCGCCCTTGCTATCCGACACCTTTGCAGCTGGCTTTATGTGGCTGGATAAATGGGCTGTGAGCCC
 GAATGGGAATAGAAGTGGTGTGAGGCAAGTATCTTTGGAGCAGGAACTACCATTTAGTGGATGAAAA
 CTTGATCCTTTACCTGATTATTGGCTATCTCTTCTGTTCAAGAAATTGGTGGGACCAAGGTGTTAATG
 GCAAGCGTGCAAGGTTCAAAGAGAAGGAAGCTTCGAGTATACCTTCATTGCACAAACTGACAAATCCAA
 GGTATAAAGAAGGAGATTTAACTCTGTATGCCATAAACCTCCATAATGTCACCAAGTACTTGCAGTTACC
 CTATCCTTTTTCTAAAGCAAGTGGATAAATACCTTCTAAGACCTTTGGGACCTCATGGATTACTTTCC
 AAATCTGTCCAACCTCAATGGTCTAACTCTAAAGATGGTGGATGATCAACCTTGCACCTTTAATGGAAA
 AACCTCTCCGGCCAGGAAGTTCAGTGGCTTGGCAGCTTCTCATATAGTTTTTTGTGATAAGAAATGC
 CAAAGTTGCTGCTTGCATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC208556 protein sequence
 Red=Cloning site Green=Tags(s)

MLLRSKPALPPPLMLLLLGPLSPGALPRPAQAQDVVDLDFFTQEPLHLVSPSFLSVTIDANLATDPR
 FLILLGSPKLRTLARGLSPAYLRFGGTKDFLIFDPKKESTFEERSYQSQVNQDICKYGSIPPDVEEKL
 RLEWPYQELLLREHYQKKFNSTYSRSSVDVLYTFANCSGLDLIFGLNALLRTADLQWNSSNAQLLLDY
 CSSKGYNISWELGNEPNSFLKKADIFINGSQLGEDFIQLHKLLRKSTFKNAKLYGPDVGPQRRKTAKMLK
 SFLKAGGEVIDSVTWHYYLNGRTATREDFLNPDVLDIFISSVQKVFQVESTRPQKQVWLGETSSAYGG
 GAPLLSDTFAAGFMWLDKLGLSARMGIEVVMRQVFFGAGNYHLVDENFDPLPDYWL SLLFKKLVGTVKVL
 ASVQGSKRRLRVYLHCTNTDNPRYKEGDLTLYAINLHNVTKYLRLPYPFSNKQVDKYLRLPLGPHGLLS
 KSVQLNGLTLKMVDQTLPLMEKPLRPGSSLGLPAFSYSFFVIRNAKVAACI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006665

ORF Size:	1629 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_006665.3, NP_006656.1</u>
RefSeq Size:	4668 bp
RefSeq ORF:	1632 bp
Locus ID:	10855
UniProt ID:	<u>Q9Y251</u>
Cytogenetics:	4q21.23
MW:	61.2 kDa