

## Product datasheet for **RC230202A1V**

### Human Hyaluronidase PH20 (SPAM1) (NM\_001174044) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Hyaluronidase PH20 (SPAM1) (NM_001174044) AAV Particle
Tag:	Myc-DDK
Symbol:	Hyaluronidase PH20
Synonyms:	HEL-S-96n; HYA1; HYAL1; HYAL3; HYAL5; PH-20; PH20; SPAG15
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC230202 representing NM\_001174044  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGAGTGCTAAAATCAAGCACATCTTTTTCAGAAGCTTTGTTAAATCAAGTGGAGTATCCAGATAG  
 TTTTCACCTTCCTTCTGATTCCATGTTGCTTGACTCTGAATTTAGAGCACCTCCTGTTATTCCAATGT  
 GCCTTCTCTGGCCTGGAATGCCCAAGTGAATTTGTCTTGAAAATTTGATGAGCCACTAGATATG  
 AGCCTCTTCTTTTCATAGGAAGCCCCGAATAAACGCCACCGGGCAAGGTGTTACAATATTTTATGTTG  
 ATAGACTTGGCTACTATCCTTACATAGATTCAATCACAGGAGTAACTGTGAATGGAGGAATCCCCAGAA  
 GATTTCTTACAAGACCATCTGGACAAAGCTAAGAAAGACATTACATTTTATATGCCAGTAGACAATTTG  
 GGAATGGCTGTTATTGACTGGGAAGAATGGAGACCCACTTGGGCAAGAACTGGAACCTAAAGATGTTT  
 ACAAGAATAGGTCTATTGAATTGGTTCAGCAACAAAATGTACAACCTAGTCTCACAGAGGCCACTGAGAA  
 AGCAAAAACAAGAATTTGAAAAGCAGGGAAGGATTTCCCTGGTAGAGACTATAAAATTTGGGAAAATTA  
 CGGCCAAATCACTTGTGGGGTATTATCTTTTTCCGGATTGTTACAACCATCACTATAAGAAACCCGGTT  
 ACAATGGAAGTTGCTTCAATGTAGAAATAAAAAGAAATGATGATCTCAGCTGGTTGTGGAATGAAAGCAC  
 TGCTCTTTACCCATCCATTTATTTGAACACTCAGCAGTCTCCTGTAGCTGCTACACTCTATGTGCGCAAT  
 CGAGTTCGGGAAGCCATCAGAGTTTCCAAAATACCTGATGCAAAAAGTCCACTCCGGTTTTTGCATATA  
 CCCGCATAGTTTTTACTGATCAAGTTTTGAAATTCCTTTCTCAAGATGAACCTGTGTATACATTTGGCGA  
 AACTGTTGCTCTGGGTGCTTCTGGAATTGTAATATGGGGAACCCCTCAGTATAATGCGAAGTATGAAATCT  
 TGCTTGCTCCTAGACAATTACATGGAGACTATACTGAATCCTTACATAATCAACGTCACACTAGCAGCCA  
 AAATGTAGTACCAAGTGCTTTGCCAGGACAAGGAGTGTGATAAGGAAAACTGGAATTCAGTACTA  
 TTTTCACTCAACCCAGATAATTTTGTATTCAACTTGAGAAAGGTGGAAGTTACAGTACGTGGAAAA  
 CCGACACTTGAAGACCTGGAGCAATTTTCTGAAAAATTTTATTGCAGCTGTTATAGCACCTTGAGTTGTA  
 AGGAGAAAAGCTGATGTAAGACACTGATGCTGTTGATGTGTGATTGCTGATGGTGTCTGTATAGATGC  
 TTTTCTAAAACCTCCCATGGAGACAGAAGAACCTCAAATTTTCTACAATGCTTACCCTCCACACTATCT  
 GCCACAATGTTTATTGTTAGTATTTTGTCTTATCATTTCTTCTGTAGCGAGTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC230202 representing NM\_001174044  
 Red=Cloning site Green=Tags(s)

MGVLKFKHIFFRSFVKSSGVSQIVFTFLLIPCCLTNFRAPPVIPNVPFLWAWNAPSEFLGKGFDEPLDM  
 SLFSFIGSPRINATGQGVTFIFYVDRLGYYPYIDSITGVTVNGGIPQKISLQDHLKAKKDITFYMPVDNL  
 GMAVIDWEEWRPTWARWNKPKDVYKNRSIELVQQQNVQLSLTEATEKAKQEFKAGKDFLVETIKLGKLL  
 RPNHLWGYYLFPDCYNHYYKPGYNGSCFNVEIKRNDDL SWLWNESTALYPSIYLNTQQSPVAATLYVRN  
 RVREAIRVSKIPDAKSPLPVFAYTRIVFTDQVLKFLSQDELVYTFGETVALGASGVIWGTLSIMRSMKS  
 CLLLDNYMETILNPYIINVTLAAKMCSQVLCQEQVCIRKNWNSDYHLNPDNFAIQLEKGGKFTVRGK  
 PTLEDLEQFSEKFCSCYSTLSCKEKADVKDTDAVDVCIADGVCIDAFKPPMETEEPQIFYNASPSTLS  
 ATMFIVSILFLIISVASL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001174044

**ORF Size:**

1527 bp

<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_001174044.1</a></u>
<b>RefSeq ORF:</b>	1530 bp
<b>Locus ID:</b>	6677
<b>UniProt ID:</b>	<u><a href="#">P38567</a></u>
<b>Cytogenetics:</b>	7q31.32
<b>MW:</b>	58.3 kDa