

## Product datasheet for **RC208940A1V**

### Human Perforin (PRF1) (NM\_001083116) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Perforin (PRF1) (NM_001083116) AAV Particle
Tag:	Myc-DDK
Symbol:	Perforin
Synonyms:	HPLH2; P1; PFP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC208940 representing NM\_001083116  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGCCCGTCTGCTCCTCCTGGGCATCCTTCTCCTGCTGCTGCCCTGCCCGTCCCTGCCCGTGCC  
 ACACAGCCGACGCTCAGAGTGAAGCGCAGCCACAAGTTCGTGCCTGGTGCATGGCTGGCCGGGAGGG  
 TGTGGACGTGACCAGCCTCCGCCGCTCGGGCTCCTTCCAGTGGACACACAAAGTTCTCGCGCCGAC  
 GGCACCTGCACCTCTGTGAAAATGCCCTACAGGAGGGCACCTCCAGCGCTGCCTCTGGCGCTACCA  
 ACTGGCGGGCCAGGGCTCTGGCTGCCAGCGCCATGTAACCAGGGCCAAAGTCACTCCACTGAAGCTGT  
 GGCCCGGGATGCGGCTCGTAGCATCCGCAACGACTGGAAGGTGCGGCTGGACGTGACTCCTAAGCCCACC  
 AGCAATGTGCATGTGTCTGTGGCCGGCTCACACTCACAGGCAGCCAACTTTCAGCCCAGAAGCCCACC  
 AGGACCAGTACAGCTTACAGACTGACACGGTGGAGTGGCGTTCTACAGTTTCCATGTGGTACACTCC  
 CCCGCTGCACCCTGACTTCAAGAGGGCCCTCGGGACCTGCCCCACCCTTCAAGCCTCCACCCAGCCC  
 GCCTACCTCAGGCTTATCTCAAACCTACGGCACCCACTTATCCGGGCTGTGGAGCTGGGTGGCCGATAT  
 CGGCCCTCACTGCCCTGCGCACCTGCGAGCTGGCCCTGGAAGGGCTCACGGACAACGAGGTGGAGGACTG  
 CCTGACTGTGAGGCCAGGTCAACATAGGCATCCACGGCAGCATCTCTGCCAAGCCAAAGGCTGTGAG  
 GAGAAGAAGAAGAAGCACAAGATGACGGCCTCCTTCCACCAAACCTACCGGGAGCGCCATTCCGGAAGTGG  
 TTGGCGGCCATCACACCTCCATTAACGACCTGCTGTTCCGGATCCAGGCCGGGCCGAGCAGTACTCAGC  
 CTGGGTAACCTCGCTGCCCGGCAGCCCTGGCTGGTGGACTACCCCTGGAACCCCTGCACGTGCTGCTG  
 GACAGCCAGGACCCGCGCGGGAGGCACTGAGGAGGGCCCTGAGTCAGTACCTGACGGACAGGGCTCGT  
 GGAGGGACTGCAGCCGGCCGTGCCACCAGGGCGCAGAAGAGCCCCGAGACCCATGCCAGTGTGTG  
 CCATGGCTCAGCGGTACCAACCCAGGACTGCTGCCCTCGGCAGAGGGCCCTGGCCAGCTGGAGGTGACC  
 TTCATCCAAGCATGGGGCTGTGGGGGACTGGTTCACTGCCACGGATGCCTATGTGAAGCTCTTCTTTG  
 GTGGCCAGGAGCTGAGGACGAGCACCGTGTGGGACAATAACAACCCCATCTGGTCACTGCGGCTGGATTT  
 TGGGGATGTGCTCCTGGCCACAGGGGGGCCCTGAGGTTGAGGCTGGGATCAGGACTCTGGCAGGGAC  
 GATGACCTCCTTGGCACCTGTGATCAGGCTCCCAAGTCTGGTTCCATGAGGTGAGATGCAACCTGAATC  
 ATGGCCACCTAAAATCCGCTATCATGCCAGGTGCTTGGCCACCTGGGAGGAGGACCTGCCTGGACTA  
 TGTCCCCCAAATGCTTCTGGGGAGCCTCCAGGAAACCGAGTGGGGCCGTGTGG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

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MAARLLLLGILLLLLPLPVPAPCHTAARSECKRSHKVFPGAWLAGEGVDVTSLRSGSFPVDTQRFLRPD  
 GTCTLCEALQEGTLQRLPLALTNWRAQSGCQRHVTRAKVSSTEAVARDAARSIRNDWKVGLDVTPKPT  
 SNVHVSVAGSHSQAANFAAQKTHQDQYSFSTDTVECRFYFHVVHTPPLHPDFKRALGDLPHHFNASTQP  
 AYLRLLISNYGTHFIRAVELGGRISALALRTELALALEGLTDNEVEDCLTVEAQVNIIGIHGSI SAEAKACE  
 EKKKKHKMTASFHQTYRERHSEVVGHHSTINDLLFGIQAGPEQYSAWVNSLPGSPGLVDYTLPLHVL  
 DSQDPRREALRRALSQYLTDRARWRDCSRPCPPGRQKSPRDPCQCVCHGSAVTTQDCCPRQRGLAQL  
 ETVFIQAWGLWGDWFTATDAYVKLFFGGQELRTSTVWNNNPIWSVRLDFGDVLLATGGPLRLQVWDQD  
 SGRDDLGTCDQAPKSGSHEVRCNLNHGHLKFRYHARCLPHLGGTCLDYVPQMLLGEPPGNRSGAVW

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_001083116

<b>ORF Size:</b>	1665 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_001083116.1</a></u>
<b>RefSeq Size:</b>	2555 bp
<b>RefSeq ORF:</b>	1668 bp
<b>Locus ID:</b>	5551
<b>UniProt ID:</b>	<u><a href="#">P14222</a></u>
<b>Cytogenetics:</b>	10q22.1
<b>MW:</b>	61.4 kDa