

## Product datasheet for **RC223145A1V**

### Human Defensin alpha 3 (DEFA3) (NM\_005217) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human Defensin alpha 3 (DEFA3) (NM\_005217) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Defensin alpha 3  
**Synonyms:** DEF3; HNP-3; HNP3; HP-3; HP3  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC223145 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGGACCCTCGCCATCCTTGCTGCCATTCTCCTGGTGGCCCTGCAGGCCAGGCTGAGCCACTCCAGG  
 CAAGAGCTGATGAGGTTGCTGCAGCCCCGGAGCAGATTGCAGCGGACATCCCAGAAGTGGTTGTTCCCT  
 TGCATGGGACGAAAGCTTGGCTCAAAGCATCCAGGCTCAAGGAAAAACATGGACTGCTATTGCAGAATA  
 CCAGCGTGCATTGCAGGAGAACGTCGCTATGGAACCTGCATCTACCAGGGAAGACTCTGGGCATTCTGCT  
 GC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC223145 protein sequence  
 Red=Cloning site Green=Tags(s)

MRTLAILAAILLVALQAQAEPLQARADEVAAPEQIAADIPEVVVSLAWDESLAPKHPGSRKNMDCYCRI  
 PACIAGERRYGTCTIYQGRWAFCC

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:** Human  
**Serotype:** AAV-2  
**ACCN:** NM\_005217  
**ORF Size:** 282 bp



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<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>NM_005217.2</u>
<b>RefSeq Size:</b>	501 bp
<b>RefSeq ORF:</b>	285 bp
<b>Locus ID:</b>	1668
<b>UniProt ID:</b>	<u>P59666</u>
<b>Cytogenetics:</b>	8p23.1
<b>MW:</b>	10.2 kDa