

Product datasheet for **RC210219A1V**

Human alpha 5 Defensin (DEFA5) (NM_021010) AAV Particle

Product data:

Product Type: AAV Particles

Product Name: Human alpha 5 Defensin (DEFA5) (NM_021010) AAV Particle

Tag: Myc-DDK

Symbol: alpha 5 Defensin

Synonyms: DEF5; HD-5

Mammalian Cell Selection: None

Vector: pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC210219 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGGACCATCGCCATCCTTGCTGCCATTCTCCTGGTGGCCCTGCAGGCCAGGCTGAGTCACTCCAGG
AAAGAGCTGATGAGGCTACAACCCAGAAGCAGTCTGGGAAGACAACAGGACCTTGCTATCTCCTTTGC
AGGAAATGGACTCTCTGCTCTTAGAACCTCAGGTTCTCAGGCAAGAGCCACCTGCTATTGCCGAAGTGGC
CGTTGTGCTACCCGTGAGTCCCTCTCCGGGGTGTGTGAAATCAGTGGCCGCCTCTACAGACTCTGCTGTC
GC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC210219 protein sequence
Red=Cloning site Green=Tags(s)

MRTIAILAAILLVALQAQESLQERADEATTQKQSGEDNQDLAISFAGNGLSALRTSGSQARATCYCRTG
RCATRESLSGVCEISGRLYRLCCR

TRTRPLE**QKLISEEDLA**ANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_021010

ORF Size: 282 bp



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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_021010.1</u>
RefSeq Size:	468 bp
RefSeq ORF:	285 bp
Locus ID:	1670
UniProt ID:	<u>Q01523</u>
Cytogenetics:	8p23.1
MW:	10.1 kDa