

Product datasheet for **RC208684A1V**

Human RPAIN (NM_001033002) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human RPAIN (NM_001033002) AAV Particle
Tag: Myc-DDK
Symbol: RPAIN
Synonyms: HRIP; RIP
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC208684 ORF sequence
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGAGTCGTTGAGGTCTCCGCGCCGCTCCCTGTACAACTGGTGGGCTCGCCGCTTGAAAGAGG
CTTCCGGCAGAGATGCCTGGAGAGAATGAGAAACAGCCGGGACAGGCTCCTAACAGGTACCGCCAGGC
TGGAAGCAGTGGGCCAGGGAATTCTCAGAACAGCTTTCTAGTTCAAGAGGTGATGGAAGAAGAGTGGAAT
GCTTTGCAGTCAGTGGAGAATTGCCAGAAGACTTGGCTCAGTTGGAGGAGCTGATAGACATGGCTGTGC
TGGAGGAAATTCACAGGAGCTGATCAAGCAAGAGCAGTCCATCATCAGCGAGTATGAGAAGAGCTTGCA
GTTTGATGAAAAGTGTCTCAGCATCATGCTGGCTGAGTGGGAGGCAAACCCACTCATCTGCTCTGTATGT
ACAAAGTACAACCTGAGAATCACAAGCGGTGTGGTGGTGTGTCAGTGTGGCCTGTCCATCCCATCTCATT
CTTCTGAGTTGACAGAGCAGAAGCTTCGTGCCTGTTTAGAGGGTAGTATAAATGAGCACAGTGCACATTG
TCCCCACACCTGAATTTTCAGTCACTGGAGGAACAGAAGAAAAGTCCAGTCTTCTCATGAGCTGTCTG
GCCTGTGATACTTGGGCTGTGATCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC208684 protein sequence
Red=Cloning site **Green**=Tags(s)

MAESLRSPRRSLYKLVGSPWPKEAFRQCLERMNRSDRLNRYRQAGSSGPGNSQNSFLVQEVMEEEWN
ALQSVENCPEDLAQLEELIDMAVLEEIQQELIKQEQSIISEYKSLQFDEKCLSIMLAWEANPLICPVC
TKYNLRITSGVVVCQGLSIPSHSSELTEQKLRLACLEGSINEHSAHCPHTPEFSVTGGTEEKSSLLMSCL
ACDTWAVIL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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Species:	Human
Serotype:	AAV-2
ACCN:	NM_001033002
ORF Size:	657 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_001033002.1</u>
RefSeq Size:	1679 bp
RefSeq ORF:	660 bp
Locus ID:	84268
UniProt ID:	<u>Q86UA6</u>
Cytogenetics:	17p13.2
MW:	24.8 kDa