

Product datasheet for **RC219574A1V**

Human Pepsin (PGA4) (NM_001079808) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Pepsin (PGA4) (NM_001079808) AAV Particle
Tag:	Myc-DDK
Symbol:	Pepsin
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219574 representing NM_001079808. Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAGTGGCTGCTGCTGGGTCTGGTGGCGCTCTCTGAGTGCATCATGTACAAGGTCCCCCTCATC
AGAAAGAAGTCTTGAGGCGCACCTGTCCGAGCGTGGCTGCTGAAGGACTTCTGAAGAAGCACAAC
CTCAACCCAGCCAGAAAGTACTTCCCCAGTGGGAGGCTCCACCCTGGTAGATGAACAGCCCCTGGAG
AACTACCTGGATATGGAGTACTTCGGCACTATCGGCATCGGAACCTCTGCCAGGATTTACCGTCGTC
TTTGACACCGGCTCCTCAACCTGTGGTGCCCTCAGTCTACTGCTCCAGTCTTGCTGCACCAACCAC
AACCGTTCAACCTGAGGATTCTTCCACCTACCAGTCCACCAGCGAGACAGTCTCCATCACCTACGGC
ACCGGCAGCATGACAGGCATCCTCGGATACGACACTGTCCAGTTGGAGGCATCTCTGACACCAATCAG
ATCTTCGGCTGAGCGAGACGGAACCTGGCTCCTTCTGTATTATGCTCCCTTCGATGGCATCCTGGGG
CTGGCCTACCCAGCATTTCTCTCTCCGGGGCCACCCCGTCTTTGACAACATCTGGAACAGGGCCTG
GTTTCTCAGGACCTCTTCTGTCTACCTCAGCGCCGATGACCAGAGTGGCAGCGTGGTGATCTTTGGT
GGCATTGACTCTTCTACTACACTGGAAGTCTGAACTGGTGCTGTTACCGTCGAGGGTTACTGGCAG
ATCACCGTGGACAGCATCACCATGAACGGAGAGGCCATCGCCTGCGCTGAGGGCTGCCAGGCCATTGTT
GACACCGGCACCTCTCTGCTGACCGGCCAACAGCCCCATTGCCAACATCCAGAGCGACATCGGAGCC
AGCGAGAACTCAGATGGCGACATGGTGGTCAGCTGCTCAGCCATCAGCAGCCTGCCGACATCGTCTTC
ACCATCAATGGAGTCCAGTACCCCGTGCCACCCAGTGCCTACATCTGCAGAGCGAGGGGAGCTGCATC
AGTGGCTTCCAGGCATGAACCTCCCCACGAATCTGGAGAGCTTTGGATCCTGGGTGATGTCTTCATC
CGCCAGTACTTTACCGTCTTCGACAGGGCAAACAACAGGTGGCCTGGCCCCCGTGGCT
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC



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Protein Sequence:	>Peptide sequence encoded by RC219574 Blue=ORF Red=Cloning site Green=Tag(s) MKWLLLLGLVALSECIMYKVPLIRKKSRLRTLSEGLLKDFLKKHNLNPARKYFPQWEAPTLVDEQPLE NYLDMFYFGTIGTTPAQDFTVVFDTGSSNLWVPSVYCSSLACTNHNRFNPEDSSTYQSTSETVSITYG TGSMTGILGYDTVQVGGISDTNQIFGLSETPGSFLYYAPFDGILGLAYPSISSSGATPVFDNIWNQGL VSQDLFSVYLSADDQSGSVVIFGGIDSSYYTGSLNWWPVTVEGYWQITVDSITMNGEAIACAEGCQAIV DTGTSLLTGPTSPIANIQSDIGASENSDGMVVSCSAISSLPDIVFTINGVQYPVPPSAYILQSEGSCI SGFQGMNLPTESGELWILGDVFIQYFTVFDRAANNQVGLAPVA TRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC219574 also available, TP319574
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001079808
ORF Size:	1164 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:	NM_001079808.1
RefSeq Size:	1413 bp
RefSeq ORF:	1167 bp
Locus ID:	643847
UniProt ID:	P00790
Cytogenetics:	11q12.2
MW:	42 kDa