

Product datasheet for **RC208382A1V**

Human Renin (REN) (NM_000537) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Renin (REN) (NM_000537) AAV Particle
Tag:	Myc-DDK
Symbol:	Renin
Synonyms:	ADTKD4; HNFJ2; RTD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC208382 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGATGGATGGAGAAGGATGCCTCGCTGGGACTGCTGCTGCTGCTCTGGGCTCCTGTACCTTTGGTC
TCCCGACAGACACCACACCTTTAAACGGATCTTCCTCAAGAGAATGCCCTCAATCCGAGAAAGCCTGAA
GGAACGAGGTGTGGACATGGCCAGGCTTGGTCCCGAGTGGAGCCAACCCATGAAGAGGCTGACACTTGGC
AACACCACCTCCTCCGTGATCCTCACCAACTACATGGACACCCAGTACTATGGCGAGATTGGCATCGGCA
CCCCACCCAGACCTTCAAAGTCGTCTTTGACACTGGTTCGTCCAATGTTTGGGTGCCCTCCTCCAAGTG
CAGCCGTCTCTACACTGCCTGTGTATCACAAAGCTCTTCGATGCTTCGGATTCTCCAGCTACAAGCAC
AATGGAACAGAACTCACCTCCGCTATTCAACAGGGACAGTCACTGGCTTTCTCAGCCAGGACATCATCA
CCGTGGGTGGAATCACGGTGACACAGATGTTTGGAGAGGTACGGAGATGCCCGCCTTACCCTTCATGCT
GGCCGAGTTTGATGGGGTTGTGGGCATGGGCTTCATTGAACAGGCCATTGGCAGGGTCACCCCTATCTTC
GACAACATCATCTCCAAGGGTGCTAAAAGAGGACGTCTTCTTTCTACTACAACAGAGATTCGAGA
ATTCCAATCGCTGGGAGGACAGATTGTGCTGGGAGGCAGCGACCCCGCAGATTACGAAGGGAATTTCCA
CTATATCAACCTCATCAAGACTGGTGTCTGGCAGATTCAAATGAAGGGGTGTCTGTGGGTATCCACC
TTGCTCTGTGAAGACGGCTGCCTGGCATTGGTAGACACCGGTGCATCCTACATCTCAGGTTCTACCAGCT
CCATAGAGAAGCTCATGGAGGCCTTGGGAGCCAAGAAGAGGCTGTTTGATTATGTCGTGAAGTGAACGA
GGGCCCTACACTCCCCGACATCTCTTTCCACCTGGGAGGCAAAGAATACACGCTCACCAGCGCGGACTAT
GTATTTTCAAGAACTCTACAGTAGTAAAAAGCTGTGCACACTGGCCATCCACGCCATGGATATCCCGCCAC
CCACTGGACCCACCTGGGCCCTGGGGCCACCTTCATCCGAAAGTTCTACACAGAGTTTGATCGGCGTAA
CAACCGCATTGGCTTCGCTTGGCCCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC208382 protein sequence Red=Cloning site Green=Tags(s) MDGWRRMPRWGLLLLLWGSCFTGLPTDTTTFKRIFLKRMPHSIRESLKERGVDMARLGPEWSQPMKRLTLG NTTSSVILTNYMDTQYYGEIGITPPQTFKVVFDTGSSNVWVPSSKCSRLYTACVYHKLFDASDSSSYKH NGTELTLYSTGTVSGFLSQDIITVGGITVTQMFGEVTEMPALPFMLAEFDGVVGMGFIEQAIGRVTPIF DNIISQGVLKEDVFSFYNNRDSSENSQSLGGQIVLGGSDPQHYEGNFHYINLIKTVWQIQMKGVSVGSST LLCEDGCLALVDTGASYISGSTSSIEKLMEALGAKKRLFDYVVKCNEGPTLPDISFHLGGKEYTLTSADY VFQESYSSKKLCTLAIHAMDIPPTGPTWALGATFIRKFYTEFDRRNNRIGFALAR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000537
ORF Size:	1218 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_000537.2
RefSeq Size:	1493 bp
RefSeq ORF:	1221 bp
Locus ID:	5972
UniProt ID:	P00797
Cytogenetics:	1q32.1
MW:	45.1 kDa