

Product datasheet for **RC203596A1V**

Human Prolyl Endopeptidase (PREP) (NM_002726) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Prolyl Endopeptidase (PREP) (NM_002726) AAV Particle
Tag:	Myc-DDK
Symbol:	PREP
Synonyms:	PE; PEP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203596 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCTGTCCCTTCAGTACCCCGACGTGTACCGCGACGAGACCGCGTACAGGATTATCATGGTCATAAAA
TTTGTGACCCCTTACGCCCTGGCTTGAAGACCCCGACAGTGAACAGACTAAGGCCTTTGTGGAGGCCAGAA
TAAGATTACTGTGCCATTTCTTGAGCAGTGTCCCATCAGAGGTTTATACAAAGAGAGAATGACTGAACTA
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TGCAGAACCAGCGAGTATTATGTACAGGATTCCTTAGAGGGTGAGGCCAGAGTGTCTGGACCCCAA
CATACTGTCTGACGATGGCACAGTGGCACTCCGAGGTTATGCGTTCAGCGAAGATGGTGAATATTTGCC
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TTCCAGATGTGCTTGAAGAGTCAAGTTCAGCTGTATGGCCTGGACCCATGATGGGAAGGGAATGTTCTA
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TACTACCATGTCTTGGGAACCGATCAGTCAGAAGATATTTGTGTGCTGAGTTTCTGATGAACCTAAAT
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CCTTCCCGCTCGATGTGCGCAGCATTGTAGGGTACAGCGGTGAGAAGAAGGACACTGAAATCTTCTATCA
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GATCAAGGAAGGTTACACATCTCCCAAGAGGCTGACTATTAATGGAGGTTCAAATGGAGGCTCTTAGTG
GCTGCTTGTGCAATCAGAGACCTGACCTCTTTGGTTGTGTTATTGCCAAGTTGGAGTAATGGACATGC
TGAAGTTTCATAAATATACCATCGGCCATGCTTGGACCACTGATTATGGGTGCTCGGACAGCAAAACA
CTTTGAATGGCTTGTCAAATACTCTCCATTGCATAATGTGAAGTTACCAGAAGCAGATGACATCCAGTAC
CCGTCCATGCTGCTCCTCACTGCTGACCATGATGACCGCGTGGTCCCGCTTCACTCCCTGAAGTTCATTG
CCACCTTCAGTACATCGTGGGCCGAGCAGGAAGCAAGCAACCCCTGCTTATCCACGTGGACACCAA
GGCGGGCCACGGGGCGGGGAAGCCACAGCCAAAGTGATAGAGGAAGTCTCAGACATGTTTGCCTTCATC
GCGCGGTGCCTGAACGTCGACTGGATTCCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203596 protein sequence Red=Cloning site Green=Tags(s) MLSLQYPDVYRDETAVQDYHGHKICDPYAWLEDPDSEQTKAFVEAQNKITVPFLEQCPIRGLYKERMT YDYPKYSCHFKKGKRYFYFYNTGLQNQRVLYVQDSLEGEARVFLDPNLSDDGTVALRGYAFSEGEYFA YGLSASGSDWVTIKFMKVDGAKELPDVLERVKFSMAWTHDGKGMFYNSYPQQDGKSDGTETSTNLHQKL YYHVLGTDQSEDILCAEFPDEPKWMGGAELSDDGRYVLLSIREGCDPVNRLWYCDLQQESSGIAGILKWV KLIDNFEGEYDYVTNEGTVFTFKTNRQSPNYRVINIDFRDPEESKWKVLVPEHEKDVLEWIACVRSNFLV LCYLHDVKNILQLHDLTTGALLKTFPLDVGSIVGYSGQKKDTEIFYQFTSFLSPGIIYHCDLTKEELEPR VFREVTYKIDASDYQTVQIFYPKSDGTKIPMFIVHKKGIKLDGSHPAFLYGYGGFNISITPNYSVSRLI FVRHMGILAVANIRGGGEYGETWHKGGILANKQNCFFDQCAAAYLKEGYTSPKRLTINGGSNGLLV AACANQRPDLCVIAQVGVMDMLKFHKYTIHAWTTDYGCSKQHFVWLVKYSPLHNKLPEDDIQY PSMALLTADHDDRVPVPLHSLKFIAITLQYIVGRSRKQSNPLLIVHDTKAGHGAGKPTAKVIEEVSDMFAFI ARCLNVDWIP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002726
ORF Size:	2130 bp
Buffer:	PBS with 0.001% Pluronic F5453
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_002726.3
RefSeq Size:	2943 bp
RefSeq ORF:	2133 bp
Locus ID:	5550
UniProt ID:	P48147
Cytogenetics:	6q21
MW:	80.7 kDa