

Product datasheet for **RC203535A1V**

Human XPNPEP1 (NM_020383) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human XPNPEP1 (NM_020383) AAV Particle
Tag:	Myc-DDK
Symbol:	XPNPEP1
Synonyms:	APP1; SAMP; XPNPEP; XPNPEPL; XPNPEPL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203535 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTCCAAAGGTGACTTCAGAGCTGCTTCGGCAGCTGAGACAAGCCATGAGGAAGCTCTGAGTATGTGA
 CCGAACCGATCCAGGCTACATCATCCCATCGGGAGATGCTCATCAGAGTGAGTATATTGCTCCATGTGA
 CTGTGCGCGGGCTTTTGTCTCTGGATTGATGGCTCTGCGGGCACAGCCATCATCACAGAAGAGCATGCA
 GCCATGTGGACTGACGGGCGCTACTTTCTCAGGCTGCCAAGCAAATGGACAGCAACTGGACACTTATGA
 AGATGGGTCTGAAGGACACACCAACTCAGGAAGACTGGCTGGTGAAGTGTGCTTCTGAAGGATCCAGGT
 TGGTGTGGACCCCTTGATCATTCTACAGATTATTGGAAGAAAATGCCAAAGTTCTGAGAAGTGCCGGC
 CATCACCTCATTCTGTCAAGGAGAACCTCGTTGACAAAATCTGGACAGACCGCTCTGAGCGCCCTTGCA
 AGCCTCTCTCACACTGGGCTGGATTACACAGGCATCTCTGGAAGGACAAGGTTGCAGACCTTCGGTT
 GAAAATGGCTGAGAGGAACGTGATGTGGTTTGTGGTCACTGCCTTGGATGAGATTGCGTGCTATTTAAT
 CTCCGAGGATCAGATGTGGAGCACAATCCAGTATTTTTCTCTACGCAATCATAGGACTAGAGACGATCA
 TGCTCTTCATTGATGGTGACCGCATAGACGCCCCAGTGTGAAGGAGCACCTGCTTCTTGACTTGGGTCT
 GGAAGCCGAATACAGGATCCAGGTGCATCCCTACAAGTCCATCCTGAGCGAGCTCAAGGCCCTGTGTGCT
 GACCTCTCCCCAAGGGAGAAGGTGTGGGTCACTGACAAGGCCAGCTATGCTGTGAGCGAGACCATCCCCA
 AGGACCACCGTGTGTATGCCTTACACCCCATCTGCATCGCCAAAGCTGTGAAGAATTCAGCTGAGTC
 AGAAGGCATGAGGCGGGCTCACATTAAGATGCTGTGCTCTCTGTAAGTCTTTAAGTGGCTGGAGAAA
 GAGGTTCCCAAAGGTGGTGTGACAGAGATCTCAGCTGCTGACAAAGCTGAGGAGTTTCGACGGCAACAGG
 CAGACTTGTGGACCTGAGCTTCCCAACAATTTCCAGTACGGGACCCAAACGGCGCCATTCCTACTACGC
 GCCAGTCCCTGAGACGAATAGGACCTTGTCCCTGGATGAGGTGTACCTTATTGACTCGGGTGCTCAATAC
 AAGGATGGCACCAAGATGTGACGCGGACAATGCATTTTGGGACCCCTACAGCCTACGAGAAGGAATGCT
 TCACATATGCTCTCAAGGGCCACATAGCTGTGAGTGCAGCCGTTTTCCGACTGGAACCAAGGTACCT
 TCTTGACTCCTTGGCCGTTGAGCTTTATGGGATTGAGCCTAGATTACTTGACGGGACTGGACATGGT
 GTTGGGTCTTTTTGAATGTCCATGAGGGTCTTGCAGCATCAGTTACAAAACATTCTCTGATGAGCCCT
 TGGAGGCAGGCATGATTGTCACTGATGAGCCCGGTACTATGAAGATGGGGCTTTTGAATTGCGATTGA
 GAATGTGTCTTGTGGTTCCTGTGAAGACCAAGTATAATTTAATAACCGGGGAAGCCTGACCTTTGAA
 CCTCTAACATTGGTTCAATTACAGACAAAATGATAGATGTGGATTCTTTACAGACAAAGAGTGCAGCT
 GGCTCAACAATTACCACCTGACCTGCAGGGATGTGATTGGGAAGGAATTGCAGAAACAGGGCCGCCAGGA
 AGCTCTCGAGTGGCTCATCAGAGAGACGCAACCCATCTCCAAACAGCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203535 protein sequence

Red=Cloning site Green=Tags(s)

MPPKVTSELLRQLRQAMRNSEYVTEPIQAYIIPSGDAHQSEYIAPCDCRRAFVSGFDGSAGTAIITEEHA
 AMWTDGRYFLQAAQMDSNWTLMKMGLKDTPTQEDWLVSVLPEGSRVGVDPILIIPTDYWKMAKVLRSAG
 HHLIPVKENLVDKIWTDRPERPCKPLLTLGLDYGISWKDVADLRLKMAERNVMWFVVTALDEIAWLFN
 LRGSDEHNPFVFSYAIIGLETIMLFIDGDRIDAPSVKEHLLDLGLEAEYRIQVHPYKILSELKALCA
 DLSPREKVWVSDKASYAVSETIPKDHRCMPYTPICIAKAVKNSAESEGMRRRAHIKDAVALCELFWLEK
 EVPKGGVTEISAADKAEFFRRQQADFVLSFPTISSTGPNGAIHYAPVPETNRTLSDLDEVYLDISGAQY
 KDGTDDVTRTMHFGTPTAYEKECFYVLKGHIAVSAVFPTGTGKHLDSFARSALWDSGLDYLHGTGHG
 VGSFLNVHEGPCGISYKTFSDPLEAGMIVTDEPGYEDGAFGIRIENVVLVVPVKTKYNFNNRGSLLTFE
 PLTLVPIQTKMIDVDSLTDKECDWLNYYHLTCRDVIGKELQKQGRQEALWLIRETQPIISKQH

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Species:

Human

Serotype:	AAV-2
ACCN:	NM_020383
ORF Size:	1869 bp
Buffer:	PBS with 0.001% Pluronic F5445
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_020383.2, NP_065116.2</u>
RefSeq Size:	2557 bp
RefSeq ORF:	2001 bp
Locus ID:	7511
UniProt ID:	<u>Q9NQW7</u>
Cytogenetics:	10q25.1
MW:	69.9 kDa