

Product datasheet for **RC225645A1V**

Human DPEP1 (NM_001128141) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	DPEP1
Synonyms:	MBD1; MDP; RDP
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC225645 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTGGAGCGGATGGTGGCTGTGGCCCTTGTGGCCGTCTGCACTGCAGACTTCTTTCGGGACGAGGCAG
AGAGGATCATGAGGGACTCCCCTGTATTGATGGGCACAATGACCTCCCCTGGCAGCTGCTGGATATGTT
CAACAACCGGCTGCAGGACGAGAGGGCCAACTGACCACCTTGGCCGGCACACACCAACATCCCCAAG
CTGAGGGCCGGCTTTGTGGGAGGCCAGTTCTGGTCCGTGTACACGCCCTGCGACACCCAGAACAAGACG
CCGTGCGGAGGACGCTGGAGCAGATGGACGTGGTCCACCGCATGTCCGGATGTACCCGGAGACCTTCCT
GTATGTCACCAGCAGTGCAGGCATTCGGCAGGCCTTCGGGAAGGAAGGTGGCCAGCCTGATCGGCGTG
GAGGGCGGCCACTCCATTGACAGCAGTTTGGGCGTCTGCGGGCACTCTATCAGCTGGGCATGCGGTACC
TGACCCTCACCCACAGCTGCAACACGCCCTGGGCTGACAACTGGCTGGTGGACACGGGAGACAGCGAGCC
CCAGAGCCAAGGCTTGTACCCTTTGGGCAGCGTGTGGTGAAGGAGCTGAACCGTCTGGGGTCTCATC
GACTTGGCTCACGTGTCTGTGGCCACCATGAAGGCCACCTGCAGCTGTCCAGAGCCCCGGTCATCTTCA
GCCACTCCTCGGCCTACAGCGTGTGCGCAAGCCGGCGCAACGTGCCTGACGACGTCTGAGGCTGGTGAA
ACAGACAGACAGCTGGTATGGTGAACCTCTACAACAATTACATTTCTGCACCAACAAGGCCAACCTG
TCCCAAGTGGCCGACCATCTGGATCACATCAAGGAGGTGGCAGGAGCCAGAGCCGTGGGTTTTGGTGGGG
ACTTTGATGGTGTTCGAAGGTCCTTGAGGGCTGGAGGACGTCTCAAGTATCCAGACCTGATCGCTGA
GCTGCTCAGGAGGAAGTGGACGGAGGCGAGGTCAAGGGCGCACTGGCTGACAACCTGCTGAGGGTCTTC
GAGGCTGTGGAACAGGCCAGCAACCTCACACAGGCTCCCGAGGAGGAGCCATCCCGCTGGACGAGCTGG
GTGGCTCCTGCAGGACCATACGGCTACTCCTCTGGGGCTTCCAGCCTCCATCGCCACTGGGGGCTCCT
GCTGGCCTCCCTCGCTCCCCTGGTCTCTGTCTGTCTCTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC225645 protein sequence Red=Cloning site Green=Tags(s) MWSGWWLWPLVAVCTADFFRDEAERIMRDSVIDGHNDLPWQLDMFNNRLQDERANLTTLAGHTNIPK LRAGFVGGQFWSVYTPCDTQNKDAVRRRTLEQMDVVHRMCRMPETFLYVTSSAGIRQAFREGKVASLIGV EGGHSIDSSLGVLRALYQLGMRYLTLTHSCNTPWADNWLVDGDSQPQSGLSPFGQRVVKELNRLGVL I DLAHVSVATMKATLQLSRAPVIFSHSSAYSVCASRRNPDDVLRVVKQTDSLVMVNFYNNYISCTNKANL SQVADHLDHIKEVAGARAVGFGGDFDGVPRVPEGLEDVSKYPDLIAELLRRNWTEAEVKGALADNLLRVF EAVEQASNLTAPEEEPIPLDQLGGSCRTHYGYSSGASSLHRHWGLLLASLAPLVLCLSLL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001128141
ORF Size:	1233 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_001128141.1, NP_001121613.1</u>
RefSeq Size:	1664 bp
RefSeq ORF:	1236 bp
Locus ID:	1800
UniProt ID:	<u>P16444</u>
Cytogenetics:	16q24.3
MW:	45.7 kDa