

Product datasheet for **RC220195A1V**

Human POTE_G (NM_001005356) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POTE _G (NM_001005356) AAV Particle
Tag:	Myc-DDK
Symbol:	POTE _G
Synonyms:	A26C2; ACTBL1; CT104.4; POTE-14; POTE14; POTE14alpha; POTE22
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220195 representing NM_001005356
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGGCTGAGGCTGGTTCAATGCCGGCTGCCTCCTCTGTGAAGAAGCCATTTGGTCTCAGAAGCAAGA
 TGGGCAAGTGGTGCCGCACTGCTTCCCTGGTGCAGGGGAGCGGCAAGAGCAACGTGGGCACTTCTGG
 AGACACGACGATTCTGCTATGAAGACACTCAGGAGCAAGATGGGCAAGTGGTGCCGCACTGCTTCCCC
 TGGTGCAGGGGAGCAGCAAGAGCAACGTGGGCACTTCTGGAGACCACGACGACTCTGCTATGAAGACAC
 TCAGGAGCAAGATGGGCAAGTGGTGTGCCACTGCTTCCCTGCTGCAGGGGAGCGGCAAGAGCAAAAGT
 GGGCCCTTGGGAGACTACGACGACAGCGCTTTCATGGAGCCGAGGTACCACGTCGTCGAGAAGATCTG
 GACAAGCTCCACAGAGCTGCCTGGTGGGTAAAGTCCCAGAAAGGATCTCATCGTCATGCTCAAGGACA
 CTGACATGAACAAGAAGGACAAGCAAAAGAGGACTGCTCTACATCTGGCCTCTGCCAATGAAAATTCAGA
 AGTAGTAAAACCTCTGTGGACAGACGATGTCAACTTAATATCCTTGACAACAAAAGAGGACAGCTCTG
 ACAAGGCCGTACAATGCCGGGAAGATGAATGTGCGTTAATGTTGCTGGAACATGGCACTGATCCGAATA
 TTCCAGATGAGTATGGAATACCGCTCTACACTATGCTATCTACAATGAAGATAAATTAATGGCCAAAGC
 ACTGCTCTTATACGGTGTGATATCGAATCAAAAAACAAGCATGGCCTCACACCACTGTTACTTGGTGTA
 CATGAGCAAAAACAGCAAGTGGTGAAATTTTAAATCAAGAAAAAGCAAAATTTAAATGCACTGGATAGAT
 ATGGAAGAACTGCTCTCATACTTGTGTATGTTGTGGATCGGCAAGTATAGTCAGCCTTCTACTTGAGCA
 AAACATTGATGTATCTTCTCAAGATCTATCTGGACAGACGGCCAGAGAGTATGCTGTTTCTAGTCATCAT
 AATGTAATTTGCCAGTTACTTTCTGACTACAAAGAAAAACAGATGCTAAAAGTCTCTTCTGAAAAACGCA
 ATCCAGAACAAGACTTAAAGCTGACATCAGAGGAAGAGTCACAAAGGCTTAAAGGAAGTAAAAATAGCCA
 GCCAGAGGAAATGTCTCAAGAACCAGAAATAAATAAGGGTGGTATAGAAAGGTTGAAGAAGAAATGAAG
 AAGCACGGAAGTACTCATATGGGATTCCAGAAAACTGCCTAACGGTGCCACTGCTGACAATGGTGATG
 ATGGATTAATTCACCAAGGAAAAGCAGAACACCTGAAAGCCAGCAATTTCTGACACTGAGAATGAACA
 GTATCACAGTGATGAACAAAATGATACTCAGAAGCAACTTTCTGAAGAACAGAACTGGAATATTACAA
 GATGAGATTCTGATTCATGAAGAAAAGCAGATAGAAGTGGCTGAAAATGAATTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220195 representing NM_001005356
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MVAEAGSMPAASSVKKPFGLRSKMGKWRHCFPWCRGSGKSNVGTSGDHDDSAMKTLRSKMGKWRHCFP
 WCRGSSKSNVGTSGDHDDSAMKTLRSKMGKWCCHCFPCCRGSGKSKVGPWGDYDDSAFMEPRYHVRREDL

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_001005356.1</u> , <u>NP_001005356.1</u>
RefSeq Size:	1926 bp
RefSeq ORF:	1527 bp
Locus ID:	404785
UniProt ID:	<u>Q6S5H5</u>
Cytogenetics:	14q11.2
MW:	56.9 kDa