

Product datasheet for **RC223074A1V**

Human POTE_A (NM_001002920) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human POTE _A (NM_001002920) AAV Particle
Tag:	Myc-DDK
Symbol:	POTE _A
Synonyms:	A26A1; CT104.3; POTE-8; POTE8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC223074 representing NM_001002920
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTGGCTGAGGTTTCTCCAAAGCTGGCTGCCTCCCCTATGAAGAAGCCCTTTGGCTTCAGGGGCAAGA
 TGGGCAAGTGGTGTCTGCTGCTTCCCTGCTGCAGGGGAAGCGGCAAGAACAACATGGGTGCTTGGAG
 AGACCACGACGACAGCGCTTCACGGAGCCAAGGTATCACGTCCGTCGAGAAGATCTGGGCAAGCTCCAC
 AGAGCTGCCTGGTGGGTGAAGTCCCCAGAGCGGATCTCATCGTCATGCTCAGGGGCCCTGGCATTAAACA
 AAAGGGACAAGAAGAAGAGGACTGCTCTACACTTGGCCTGTGCCAATGGCAATTCAGAAGTAGTAAGTCT
 TCTGCTGGACAGACAATGTCACTTCATGTCTTTGACAGCAAAAAGAGGACAGCTCTGATAAAGGCCGTA
 CAATGCCAGGAGGATGAATGTGCGTTAATGTTGCTACAACATGGCACTGATCCAAATCTCCAGATATGT
 ATGGGAATACTGCTCTACACTATGCAGTCTACAATGAAGATAAATTAATGGCCAAACACTGCTTTTATA
 CGGTGCTGACATTGAATCAAAAACAAGGGTGGCTCACACCCTTTTGTGCTGTACATGGACAAAAA
 CAGCGAATGGTGAAATTTTAAATCAAGAAAAAGCTAATTTAAATGCACTTGATAGGTTTGAAGAATTT
 GCCAATTACTTTCTGACTACAAAGAAAACAGATGCCAAACAACCTCTTCTGGAATAGCAATCCAGAACA
 AGACTTAAAGCTGACATCAGAGGAAGAGCCACAAGGCTTAAAGGAAGTGAAAATAGTCAGCATGAGAAA
 GTGACTCAAGAACCAGACATAAATAAGGATTGCGATAGAGAGGTTGAAGAAGAAATGCAGAAGCATGGAA
 GTAATAATGTGGGATTATCAGAAAACCTGACTGATGGTGTCTGCTGGCAATGGTGATGGTGGATTAGT
 TCCACAAAGAAAGAGCAGAAAGCATGAAATCAGCAATTTCTAACACAGAGATTGAAGAGTATCACAGG
 CCTGAAAAGAAATCTAATGAAAAGAACAAGGTCAAAAGCCAAATACATTACAGTGGATAACCTTGATGACA
 TAACATGGCCATCAGAAATAGCGTCAGAGGATTATGATTGCTTTTCTAATTATGAGACTTTTACATT
 GCTCATTGAACAACTCAAAATGGATTTTAAACGATTCTGCTAGCCTATCAAAAATCCAGGATGCAGTTATT
 TCAGAAGAACCTTACTAGAACTCAAAATAGCCACTATGAGCAACTTACAGTAGAAGTTGAACAAATGG
 AAAATATGGTTCATGTACTACAAAAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVAEVSPKLAASPMKKPFGRGKMGKWCCEFPCCRGSGKNNMGAWRDHDSAFTEPRYHVRREDLGKLG
 RAAWWGEVPRADLIIVMLRGPINRDKKRTALHLACANGNSEVVSLLLDRQCQLHVFDSKKRTALIKAV
 QCQDECALMLLQHGTPNLPDYGNTALHYAVYNEDKLMKTLTLLYGADIESKNKGGLTPLLLAVHGQK
 QRMVFKLIKKNALNDRFGRICQLLSDYKENQMPNNSGNSNPEQDLKLTSEEPQRLKGSENSQHEK
 VTQEPDINKDCDREVEEEMQKHGSNNVGLSENLTGAAAGNGDGLVPQRKSRKHENQFPNTEIEEYHR
 PEKKSNEKNKVSQIHSVDNDDITWPSEIASDYDLDFSNEYFTLLIEQLKMFNDASLSKIQDAVI
 SEEHLELKNSHYQLTVEVEQMENMVHVLQK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001002920

ORF Size:

1356 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_001002920.1, NP_001002920.1</u>
RefSeq Size:	1838 bp
RefSeq ORF:	1359 bp
Locus ID:	340441
UniProt ID:	<u>Q6S8J7</u>
Cytogenetics:	8p11.1
MW:	51.1 kDa