

Product datasheet for **RC202740A1V**

Human Prostate Specific Antigen (KLK3) (NM_001648) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Prostate Specific Antigen (KLK3) (NM_001648) AAV Particle
Tag:	Myc-DDK
Symbol:	Prostate Specific Antigen
Synonyms:	APS; hK3; KLK2A1; PSA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202740 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTGGGTCCCGGTTGTCTTCTCACCTGTCCGTGACGTGGATTGGCGCTGCGCCCTCATCTGTCTC
GGATTGTGGGAGGCTGGGAGTGCAGAGCATTCCCAACCCTGGCAGGTGCTTGTGGCTCTCGTGGCAG
GGCAGTCTGCGGCGGTGTTCTGGTGCACCCCAAGTGGTCTCACAGCTGCCACTGCATCAGGAACAAA
AGCGTGATCTTGCTGGGTGGGCACAGCTTGTTCATCCTGAAGACACAGGCCAGGTATTCAGGTCAGCC
ACAGTTCCACACCCGCTCTACGATATGAGCCTCCTGAAGAATCGATTCTCAGGCCAGGTGATGACTC
CAGCCACGACCTCATGCTGCTCCGCTGTGAGAGCCTGCCGAGCTCACGGATGCTGTGAAGGTGATGGAC
CTGCCCACCCAGGAGCCAGCACTGGGGACCACTGCTACGCCTCAGGCTGGGGCAGCATTGAACCAGAGG
AGTTCTTGACCCAAAGAACTTCAGTGTGTGGACCTCCATGTTATTTCCAATGACGTGTGTGCGCAAGT
TCACCCTCAGAAGGTGACCAAGTTCATGCTGTGTGCTGGACGCTGGACAGGGGGCAAAGCACCTGCTCG
GGTGATTCTGGGGGCCCACTTGTCTGTAATGGTGTGCTTCAAGGTATCACGTGATGGGGCAGTGAACCAT
GTGCCCTGCCGAAAGGCCTTCCTGTACCAAGGTGGTGCATTACCGAAGTGGATCAAGGACACCAT
CGTGGCCAACCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202740 protein sequence Red=Cloning site Green=Tags(s) MWVPVVFLLSVTWIGAAPLILSRIVGGWECEKHSQPWQVLVASRGRAVCGGVLVHPQWVLTAAHCIRNK SVILLGRHSLFHPEDTGQVFQVSHSFPHPLYDMSLLKNRFLRPGDSSHDLMMLRLSEPAELTDAVKVMD LPTQEPALGTTTCYASGWSIEPEEFLTPKKLQCVDLHVISNDVCAQVHPQKVTKFMLCAGRWTGGKSTCS GDSGGPLVCNGVLQGITSWGSEPCALPERPSLYTKVVHYRKWKIDTIVANP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001648
ORF Size:	783 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:	NM_001648.2 , NP_001639.1
RefSeq Size:	1464 bp
RefSeq ORF:	786 bp
Locus ID:	354
UniProt ID:	P07288
Cytogenetics:	19q13.33
MW:	28.7 kDa