

Product datasheet for **RC202710A1V**

Human PRIM1 (NM_000946) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRIM1 (NM_000946) AAV Particle
Tag:	Myc-DDK
Symbol:	PRIM1
Synonyms:	p49
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202710 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAGACGTTTGACCCACCGAGCTGCCGAGCTGCTTAACTTTATTACGGAGGCTCTTTCCTACT
CTCAGTACTATCGCTGGCTCACTACGGTGGAGTGATAAAGAATTACTTTCAACACCGTGAATTTTCATT
CACATTGAAAGATGATATTTACATTGCTACCAATCCTTCAACAACAGAGTGATCTGAAAAAGGAGATG
CAGAAAATGAATCCATACAAGATTGATATAGGCGCAGTATATTCTCACAGACCAATCAACACAATACAG
TGAAGCTGGGAGCTTTCCAGGCTCAGGAAAAAGAACTGGTATTTGACATTGACATGACAGACTATGACGA
TGTGAGGAGATGTTGTAGTTCTGCAGACATATGTCCTAAGTGCTGGACCCTCATGACAATGGCCATACGC
ATCATTGACAGAGCATTGAAGGAGGACTTTGGATTAAAGCATCGTCTCTGGGTATATTCTGGAAGGAGAG
GTGTTCAATTGTTGGGTCTGTGATGAATCAGTTAGAAAAGTGTCTCTGCAGTACGTTCTGGGATAGTTGA
GTATTTGAGCCTTGTAAGGGTGGTCAAGACGTTAAAAAGAAAGTTCACCTAAGTGAAAAAATTCACCCT
TTTATCAGAAAATCTATAAACATAATAAAAAAATACTTTGAAGAATATGCCTTGGTTAATCAAGATATTC
TCGAAAATAAAGAAAGCTGGGATAAGATTTTAGCCCTTGTTCTGAAACAATTCATGATGAACCTCAACA
AAGCTTCAAAAGTCTCACAATCACTTCAGCGTTGGGAGCACTTGAAGAAAGTAGCCAGCAGATATCAG
AATAACATCAAAATGACAAATATGGACCCTGGCTGGAGTGGGAGATTATGCTCCAGTACTGTTTCCAC
GGCTGGATATCAATGTCAGCAAAGGAATCAATCATCTACTGAAGAGCCCTTTTAGTGTTTCATCCTAAAC
AGGTCGCATATCTGTGCCTATTGATTTGCAGAAAGTGGACCAGTTTGATCCATTTACTGTTCCGACCATA
AGCTTCATCTGCCGTGAATTGGATGCCATTTCCACTAATGAAGAGGAAAAAGAGGAGAATGAAGCTGAAT
CTGATGTCAAACATAGAACAGAGATTATAAGAAGACCACTAGCACCTTATGTGAAAGTTTTTGAACA
TTTTCTTGAAATCTGGATAAATCCCGAAAAGGAGAACTTCTTAAGAAGAGTGATTTACAAAAAGATTTTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202710 protein sequence Red=Cloning site Green=Tags(s) METFDPTLPELLKLYRRLFPYSQYYRWLNYYGGVIKNYFQHREFSFTLKDDIYIRYQSFNNQSDLEKEM QKMNPYKIDIGAVYSHRPNQHNTVKLGAFQAQEKELVFDIDMTDYDDVRRCCSSADICPKCWTLMTMAIR IIDRALKEDFGFKHRLWYYSGRRGVHCWVCDESVRKLSSAVRSGIVEYLSLVKGGQDVKKKVHLSEKIHP FIRKSINIIKKYFEEYALVNQDILENKESWDKILALVPETIHDELQQSFQKSHNSLQRWEHLKKVASRYQ NNIKNDKYGPWLEWEIMLQYCFPRLDINVSKGINHLLKSPFSVHPKTGRISVPIDLQKVDQFDPFTVPTI SFICRELDAISTNEEEKEENEAESDVKHRTDYKKTSLAPYVKVFEHFLENLDKSRKGELLKKSDLQKDF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000946
ORF Size:	1260 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_000946.2
RefSeq Size:	1471 bp
RefSeq ORF:	1263 bp
Locus ID:	5557
UniProt ID:	P49642
Cytogenetics:	12q13.3
MW:	49.9 kDa