

Product datasheet for **RC224292A1V**

Human VRK3 (NM_016440) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VRK3 (NM_016440) AAV Particle
Tag:	Myc-DDK
Symbol:	VRK3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224292 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATCTCCTTCTGTCCAGACTGTGGCAAAAGTATCCAAGCGGCATTCAAATTCTGCCCTACTGTGAA
ATTCTTTGCTGTAGAGGAGCATGTAGGGTCCCAGACCTTTGTCAATCCACATGTGTATCCTTCCAAGG
CTCAAAGAGAGGGCTGAAGTCCAGTTTGAACCTCTCCTAAGAAAGTGAATGGTCCAGCACCCTCACC
TCTCCCGATTATCCCTCTTCTCAGATGGTGACAGTTCTGAGTCTGAAGATACTCTGAGTTCCTCTGAGA
GATCCAAAGGCTCCGGGAGCAGACCCCCAACCCCAAAAGCAGCCCTCAGAAGACCAGGAAGAGCCCTCA
GGTGACCAGGGGTAGCCCTCAGAAGACCAGCTGTAGCCCTCAGAAGACCAGGCAGAGCCCTCAGACGCTG
AAGCGGAGCCGAGTGACCACCTCACTTGAAGCTTTGCCACAGGGACAGTGCTGACAGACAAGAGTGGGC
GACAGTGAAGCTGAAGTCTTCCAGACCAGGGACAACCAGGGCATTCTCTATGAAGCTGCACCCACCTC
CACCTCACCTGTGACTCAGGACCACAGAAGCAAAAGTTCTCACTCAAAGTGGATGCCAAGGATGGGCGC
TTGTTCAATGAGCAGAACTTCTTCCAGCGGGCCGCCAAGCCTCTGCAAGTCAACAAGTGAAGAAGCTGT
ACTCGACCCCACTGCTGGCCATCCCTACCTGCATGGGTTTCGGTGTTACCAGGACAAATACAGGTTCTT
GGTGTTACCCAGCCTGGGAGGAGCCTTCAGTCGGCCCTGGATGTCAGCCCAAAGCATGTGCTGTGAGAG
AGGTCTGTGCTGCAGGTGGCCTGCCGGCTGCTGGATGCCCTGGAGTTCCTCCATGAGAATGAGTATGTTT
ATGGAAATGTGACAGCTGAAAAATATCTTTGTGGATCCAGAGGACCAGAGTCAGGTGACTTTGGCAGGCTA
TGGCTTCGCTTCCGCTATTGCCAAGTGGCAACACGTGGCCTACGTGAAGGCAGCAGGAGCCCTCAC
GAGGGGACCTTGAGTTCATTAGCATGGACCTGCACAAGGGATGCGGGCCCTCCCGCCGAGCGACCTCC
AGAGCCTGGGCTACTGCATGCTGAAGTGGCTCTACGGGTTTCTGCCATGGACAAATTGCCTTCCCAACAC
TGAGGACATCATGAAGCAAAACAGAAGTTTGTGATAAGCCGGGGCCCTTCGTGGGACCTGCGGTGAC
TGGATCAGGCCCTCAGAGACCCTGCAGAAGTACCTGAAGTGGTGTGAGCCCTCACGTATGAGGAGAAGC
CGCCCTACGCCATGCTGAGGAACAACCTAGAAGCTTTGCTGCAGGATCTGCGTGTGTCTCCATATGACCC
CATTGGCCTCCCGATGGTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC224292 protein sequence Red=Cloning site Green=Tags(s) MISFCPCGKSIQAAFKFCPYCGNSLPVEEHVGSQTFVNPVHVSFQGSKRGLNSSFETSPKKVKWSSTVT SPRLSLFSDGDSSEEDTLSSSERSKSGSRPPTPKSSPQKTRKSPQVTRGSPQKTSCTSPQKTRQSPQTL KRSRVTTSLALPTGTVLTDKSGRQWKLKSFQTRDNQILYEAPTSTLTCDSPQKQKFSLKLDKDGRL LFNEQNFFQRAAKPLQVNWKKLYSTPLLAIPTCMGFGVHQDKYRFLVLP SLGRSLQSALDVSPKHVLS RSVLQVACRLLDALEFLHENEYVHGNTAENIFVDPEDQSQVTLAGYGF AFRYCPSGKHVAYVEGSRSPH EGDLEFISMDLHKGCPSRRSDLQSLGYCMLKWLYGFLPWTNCLPNTEDIMKQKQKFVDKPGPFVGPCGH WIRPSETLQKYLVVMALTYEEKPPYAMLRNNLEALLQDLRVSPYDPIGLPMVP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016440
ORF Size:	1422 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_016440.3
RefSeq Size:	2129 bp
RefSeq ORF:	1425 bp
Locus ID:	51231
UniProt ID:	Q8IV63
Cytogenetics:	19q13.33
MW:	52.9 kDa