

Product datasheet for **RC600064A1V**

Human CCK4 (PTK7) (NM_152880) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CCK4 (PTK7) (NM_152880) AAV Particle
Tag:	Myc-DDK
Symbol:	PTK7
Synonyms:	CCK-4; CCK4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC600064 representing leader sequence plus the extracellular domain region of NM_152880

Red=Cloning site Blue=ORF Green=Tags(s)

GTAATACGACTCACTATAGGGCGGCCGCGAATTCGTGCTGACTGGATCTGGTACCGAGGAGATCCGCCGCCG
CGATCGCC

ATGGGAGCTGCGCGGGGATCCCCGCCAGACCCCGCGGTTGCCTCTGCTCAGCGTCCTGCTGCTGCCGC
TGCTGGGCGGTACCCAGACAGCCATTGTCTTCAATCAAGCAGCCGTCTCCAGGATGCACTGCAGGGGCG
CCGGGCGCTGCTTCGCTGTGAGGTTGAGGCTCCGGGCCCGGTACATGTGTACTGGCTGCTCGATGGGGCC
CCTGTCCAGGACACGGAGCGCGTTTCGCCCAGGGCAGCAGCCTGAGCTTTGCAGCTGTGGACCGGCTGC
AGGACTCTGGCACCTTCCAGTGTGTGGCTCGGGATGATGTCACTGGAGAAGAAGCCCGCAGTGCCAAACGC
CTCCTTCAACATCAAATGGATTGAGGCAGGTCCTGTGGTCTGAAGCATCCAGCCTCGGAAGCTGAGATC
CAGCCACAGACCCAGGTCACTTCGTTGCCACATTGATGGGCACCCTCGGCCACCTACCAATGGTTCC
GAGATGGGACCCCTTTCTGATGGTCAGAGCAACCACAGTCAGCAGCAAGGAGCGGAACCTGACGCT
CCGGCCAGCTGCTCCTGAGCATAGTGGGCTGTATTCTGCTGCGCCACAGTGCTTTTGCCAGGCTTGC
AGCAGCCAGAAGTTACCTTGAGCATTGCTGATGAAAGCTTTGCCAGGGTGGTGTGGCACCCCAAGGACG
TGGTAGTAGCGAGGTATGAGGAGGCCATGTTCCATTGCCAGTTCTCAGCCAGCCACCCCGAGCCTGCA
GTGGCTCTTTGAGGATGAGACTCCCATCACTAACCGCAGTCGCCCCCACCTCCGAGAGCCACAGTG
TTTGCCAAACGGGTCTCTGCTGCTGACCCAGGTCGGGCCACGCAATGCAGGGATCTACCGCTGCATTGGCC
AGGGGCGAGAGGGGCCACCCATCATCCTGGAAGCCACACTTACCTAGCAGAGATTGAAGACATGCCGCT
ATTTGAGCCACGGGTGTTTACAGCTGGCAGCGAGGAGCGTGTGACCTGCCTTCCCCCAAGGGTCTGCCA
GAGCCAGCGTGTGGTGGGAGCACGCGGAGTCCGGCTGCCACCCATGGCAGGGTCTACCAGAAGGGCC
ACGAGCTGGTGTGGCCAATATTGCTGAAAGTGATGCTGGTGTCTACACCTGCCACGCGGCCAACCTGGC
TGGTCAGCGGAGACAGGATGTCAACATCACTGTGGCCACTGTGCCCTCCTGGCTGAAGAAGCCCAAGAC
AGCCAGCTGGAGGAGGGCAAACCCGGCTACTTGGATTGCCTGACCCAGGCCACACCAAAACCTACAGTTG
TCTGGTACAGAAACCAGATGCTCATCTCAGAGGACTCACGGTTCGAGGTCTTCAAGAATGGGACCTTGGC
CATCAACAGCGTGGAGGTGTATGATGGGACATGGTACCGTTGTATGAGCAGCACCCAGCCGGCAGCATC
GAGGCGCAAGCCCGTGTCCAAGTGTGGATGGGAGCAGCCTCCAGAGTGGGTGACAGACAACGCTGGGA
CCCTGCATTTTGCCCGGGTGAATCGAGATGACGCTGGCAACTACACTTGCAATTGCCTCCAACGGGCCGCA
GGGCCAGATTCTGTGCCATGTCCAGCTCACTGTGGCAGTTTTTATCACCTTCAAAGTGAACAGAGCGT
ACGACTGTGTACAGGGCCACACAGCCCTACTGCACTGCGAGGCCAGGGGGACCCCAAGCCGCTGATTG
AGTGGAAGGCAAGGACCGCATCTGGACCCCAAGCTGGGACCCAGGATGCACATCTTCCAGAAATGG
CTCCCTGGTGATCCATGACGTGGCCCTGAGGACTCAGGCCGCTACACCTGCATTGCAGGCAACAGCTGC
AACATCAAGCACAGGAGGCCCTCTATGTCGTGGACAAGCCTGTGCCGGAGGAGTCGGAGGGCCCTG
GCAGCCCTCCCCCTACAAGATGATCCAGACC

ACGCGTTCAGGCGACTACAAGGATGACGACGATAAGGGATCTCATCATCACCATCACCATTAAATGAGATC
TGGTACCGATATCAAGCTTGTGACTCTAGA

Protein Sequence:	>RC600064 representing signal peptide plus the extracellular domain region of NM_152880 Red=Cloning sites Green= DDK and 6XHIS Tags MGAARGSPARPRRLPLLSVLLLPLLGQTIAIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLDDGA PVQDTERRFAQGSSL SFAAVDRLQDSGTFQCVARDDVTGEEARSANASFNKIEWEAGPVVLKHPASEAEI QPQTQVTLRCHIDGHPRTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSCAHSAFGQAC SSQNF TLSIADES FARVVLAPQDVVARYEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATV FANGSLLL TQVRPRNAGIYRCIGQGQRGPPIILEATLHLAEIEDMPLFEPRVFTAGSEERVTCCLPPKGLP EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAAANLAGQRRQDVNITVATVPSWLKKPQD SQLEEGKPGYLDCLTQATPKPTVVWYRNQMLISEDSEFEVFKNGTLRINSVEVDGTWYRCMSSTPAGSI EAQARVQVLDGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNGPQGQIRAHVQLTVAVFITFKVEPER TTVYQGH TALLQCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHDVAPEDSGRYTCIAGNSC NIKHTEAPLYVVDKPVPEESEGPGSPPPYKMIQT TRSGTRSGDYKDDDDKGSHHHHHH
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152880
ORF Size:	1992 bp
Buffer:	PBS with 0.001% Pluronic F11421
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_152880.3, NP_690619.1</u>
RefSeq Size:	4153 bp
RefSeq ORF:	3093 bp
Locus ID:	5754
UniProt ID:	<u>Q13308</u>
Cytogenetics:	6p21.1
MW:	73.1 kDa