

Product datasheet for **RC214479A1V**

Human Citrate synthetase (CS) (NM_004077) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Citrate synthetase (CS) (NM_004077) AAV Particle
Tag:	Myc-DDK
Symbol:	Citrate synthetase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214479 representing NM_004077 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCTTTACTTACTGCGGCCGCGCGGCTCTTGGAACCAAGAATGCATCTTGTCTTGTCTTGAGCCC
GGCATGCCAGTGCTTCTCCACGAATTTGAAAGACATATTGGCTGACCTGATACCTAAGGAGCAGGCCAG
AATTAAGACTTTTCAGGCAGCAACATGGCAAGACGGTGGTGGGCCAAATCACTGTGGACATGATGTATGGT
GGCATGAGAGGCATGAAGGGATTGGTCTATGAAACATCAGTTCTTGATCCTGATGAGGGCATCCGTTTCC
GAGGCTTTAGTATCCCTGAATGCCAGAACTGCTACCCAAGGCTAAGGGTGGGAAGAACCCTGCCTGA
GGGCTTATTTGGCTGCTGGTAACTGGACATATCCCAACAGAGGAACAGGTATCTTGGCTCTCAAAAGAG
TGGGCAAGAGGGCAGCTCTGCCTTCCCATGTGGTCACCATGTGGACAACCTTTCCCAACCAATCTACACC
CCATGTCTCAGCTCAGTGCAGCTGTTACAGCCCTCAACAGTGAAAGTAACTTTGCCCCGAGCATATGCACA
GGGTATCAGCCGAACCAAGTACTGGGAGTTGATTTATGAAGACTCTATGGATCTAATCGCAAAGCTACCT
TGTGTTGCAGCAAAGATCTACCGAAATCTCTACAGAGAAGGCAGCGGTATTGGGGCCATTGACTTAACC
TGGACTGGTCTCACAATTTACCAACATGTTAGGCTATACTGATCATCAGTTCACTGAGCTCACGCGCCT
GTACCTCACCATCCACAGTGACCATGAGGGTGGCAATGTAAGTGCCCATACCAGCCATTTGGTGGGCAGT
GCCCTTTCCGACCCTTACCTGTCCTTTGCAGCAGCCATGAACGGGCTGGCAGGGCCTCTCCATGGACTGG
CAAATCAGGAAGTGCTTGTCTGGCTAACACAGCTGCAGAAGGAAGTTGGCAAAGATGTGTCAAGATGAGAA
GTTACGAGACTACATCTGGAACACACTCAACTCAGGACGGGTTGTTCCAGGCTATGGCCATGCAGTACTA
AGGAAGACTGATCCGCGATATACCTGTGAGCAGAGATTGCTCTGAAACACCTGCCTAATGACCCCATGT
TTAAGTTGGTTGCTCAGCTGTACAAGATTGTGCCCAATGTCTCTTAGAGCAGGGTAAAGCCAAGAATCC
TTGGCCCAATGTAGATGCTCACAGTGGGGTGTGCTCCAGTATTATGGCATGACGGAGATGAATTACTAC
ACGGTCTGTTTGGGGTGTACGAGCATTGGGTGTACTGGCACAGCTCATCTGGAGCCGAGCCTTAGGCT
TCCCTCTAGAAAGGCCCAAGTCCATGAGCACAGAGGGTCTGATGAAGTTGTGGACTCTAAGTCAGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214479 representing NM_004077 Red=Cloning site Green=Tags(s) MALLTAAARLLGTKNASCLVLAARHASASSTNLKDILADLIPKEQARIKTFRQQHGKTVVGQITVDMMYG GMRGMKGLVYETSVLDPDEGIRFRGFSIPECQKLLPKAKGGEEPLPEGLFWLLVTGHIPTEEQVSWLSKE WAKRAALPSHVVTMLDNFPTNLHPMSQLSAAVTALNSESNFARAYAQGISRKYWELIYEDSMDLIAKLP CVAAKIYRNLVREGSGIGAIDSNDWSHNFTNMLGYTDHQFTELTRLYLTIHSDHEGGNVSHTSHLVGS ALSDPYLSFAAAMNLAGPLHGLANQEVLVWLTQLQKEVGKDVSEKLRDYIWNTLNSGRVVPGYGHAVL RKTDPRYTCQREFALKHLPNDPMFKLVAQLYKIVPNVLEQGGAKNPWPVNDAHSGVLLQYYGTMENNY TVLFGVSRALGVLAQLIWSRALGFPLERPMSMSTEGLMKFVDSKSG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004077
ORF Size:	1398 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_004077.2</u>
RefSeq Size:	2997 bp
RefSeq ORF:	1401 bp
Locus ID:	1431
UniProt ID:	<u>O75390</u>
Cytogenetics:	12q13.3
MW:	51.71 kDa