

Product datasheet for **RC220621A1V**

Human EEFSEC (NM_021937) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human EEFSEC (NM_021937) AAV Particle
Tag:	Myc-DDK
Symbol:	EEFSEC
Synonyms:	EFSEC; SELB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC220621 representing NM_021937
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCAGGGCGCGGGTGAACGTGAACGTGGGCGTGCTGGGCCACATCGACAGCGCAAGACGGCGCTGG
 CGCGGGCGCTAAGCACACAGCCTCCACGCGCGCTTTGACAAGCAGCCGAGAGCCGCGAGCGCGGCAT
 CACGCTCGATCTGGGCTTCTCGTGCTTCTCGGTGCCGCTGCCGCGCGCCTGCGGTCTGTTTGGCCGAG
 TTCCAGGCAGCGCCGAGGCCGAGCCGAGCCGGCGAGCCACTGCTTCAGGTACGCTGGTCTGACTGCC
 CCGGGCAGCCTCCCTCATCCGACCATCATCGCGGGGCCAGATCATTGATCTGATGCTGGTTCAT
 CGATGTGACCAAGGGGATGCAGACCCAGTCAGCGGAATGCCTTGATCGGCCAGATTGCCTGCCAGAAG
 CTGGTCGTGGTCTGAACAAAATAGACCTTTACCTGAAGGAAAGAGACAGGCAGCAATTGATAAAATGA
 CCAAGAAAATGCAGAAGACCCTAGAGAACCAAGTCCGAGGTGCACCGATTATACCCGTGGCGGCCAA
 GCCGGGGGACCAGAGGCCCGGAACTGAAGCTCCACAGGGCATTCCAGAGCTCATTGAGCTCTGACG
 TCCCAGATTTCCATCCCAACGAGAGACCCTCGGGACCGTTCTCATGTCTGTGGACCACTGTTTCTCCA
 TCAAAGGCCAAGGCACTGTGATGACAGGGACCATCCTTTCAGGCTCCATCAGCCTCGGTGACAGTGTGGA
 GATCCCTGCCCTCAAGGTGGTGAAGAAGGTGAAGTCCATGCAGATGTTCCACATGCCCATCACTTCAGCC
 ATGCAAGGAGACCGGCTGGGCATCTGCGTCACCCAGTTTGACCTAAGCTGCTGGAGCGCGGGTGGTGT
 GTGCCCCGAGTCCCTGCACACTGTCCATGCGGCCCTCATCTGTGGAAAAGATACCGTATTTCCGGGG
 GCCCTGCAAAACCAAGGCCAAGTTCACATTACAGTGGGCCATGAAACAGTCATGGGCCGGTGTGATGTT
 TTCAGTCTGTCCAGATAACTTTGACCAGGAGCCTATACTGGACTCTTCAACTCTCTCAAGAATACC
 TTTTCCAGGAGCAGTACCTGTCCAAGGATTTGACACCAGCAGTGACAGACAATGATGAGGCCGACAAGAA
 GGCCGGCCAGGCCACAGAGGGCCATTGCTCTCGGCAGCAGTGGGCCCTGGTGGAGTTTGAGAAGCCCGTC
 ACCTGCCCTCGGCTGTGCTGGTGTGCTCCAGGCTAGATGCGGACATTACACCAACACGTGCCGGC
 TAGCCTTCCATGGCATCTGCTCCACGGGCTAGAGGACAGGAACACGCCGACAGCTTCTGCCAGGCT
 GAAGGTGTACAAGCTGAAGCACAAGCATGGCCTTGAGGAGCGGGCGATGGATGACTACAGTGTGATCGGC
 CGCTCCCTGTTCAAAAAGGAAACCAACATCCAGCTCTTCTGGGGCTCAAGGTGCACTTGTCCACTGGGG
 AACTGGGCATCATCGACAGTGCCTTCGGCCAGAGCGGCAAGTTCAAGATCCACATCCAGGTGGCCTCAG
 CCCCAGTCCAAGAAGATCCTGACACCCGCCCTCAAGAAGCGGGCCGGGCTGGCCGTGGGGAGGCCACC
 AGGCAGGAGGAGAGCGCCGAGCGGAGCGAGCCCTCACAGCATGTGGTGTCTCAGCCTGACTTTCAAGCGTT
 ATGTCTTCGACACCCACAAGCGCATGGTTCAGTCTCCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MAGRRVNVNVGVLGHIDSGKTALARALSTTASTAAFDKQPQSRERGITLDLGFSCFSVPLPARLRSSLPE
 FQAAPAEPEPEPEPLQVTLVDCPGHASLIRTIIGGAQIIDLMMLVIDVTKGMQTQSAECLVIGQIACQK
 LVVVLNKIDLLPEGKRQAAIDKMTKKMQKTLNTEKFRGAPIIPVAAKPGGPEAPETEAQQIGPELIELLT
 SQISIPTRDPSPFLMSVDHCFSIKQGTVMGTILSGSISLGDSEIPALKVVKKVKSMMQFMHMPITSA
 MQGDRLGICVTQFDPKLLERGLVCAPESLHTVHAALISVEKIPYFRGPLQTKAFHITVGHETVMGRLMF
 FSPAPDNFDQEPILDSFNFSQEYLFQEYLSKDLTPAVTDNDEADKKAGQATEGHCPQQWALVEFEKPV
 TCPRLCLVIGSRDLADIHTNTECRLAFHGILLHGLEDRNYADSLPRLKVVYKLKHKHGLVERAMDDYSVIG
 RSLFKKETNIQLFVGLKVHLSTGELGIIDSAFGQSGKFKIHIPGGLSPESKKILTALKKRARAGRGEAT
 RQESAERSEPSQHVVLSTLTKRYVFDTHKRMVQSP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_021937
ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F8202
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_021937.3</u> , <u>NP_068756.2</u>
RefSeq Size:	2239 bp
RefSeq ORF:	1791 bp
Locus ID:	60678
UniProt ID:	<u>P57772</u>
Cytogenetics:	3q21.3
MW:	65.1 kDa