

Product datasheet for **RC209333A1V**

Human AER61 (EOGT) (NM_173654) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	AER61
Synonyms:	AER61; AOS4; C3orf64; EOGT1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC209333 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTAATGTTGTTGTCTTTGGAGTCTTACTTCATGAAGTCTCACTGAGTGGTCAGAATGAAGCTCCTC
CTAATACTCACAGCATTCCAGGCGAACCTCTGTATACTATGCCAGCATCCGCTTGCCAGAGGAGACAT
TCCCTTCTTTTGCACAACAATAGGCATATTGCCACTGTCTGTAGGAAAGACTCTCTTTGTCCATATAAG
AAACACCTAGAGAAGCTAAAGTACTGCTGGGGTTATGAGAAATCCTGCAAACACAGAGTTCAGGTTTGTT
ACCCAGTTTGCAGCTATGTCGACATGGGATGGACGGACACTCTTGAGTCAGCTGAGGACATATTTTGAA
ACAAGCTGACTTTGGATATGCCAGAGAGAGGCTGGAGGAGATGCATGTGCTCTGTCAGCCTAAGGAAACG
AGTGACTCAAGTCTGGTGTGTTCCCGTTATCTTCAGTACTGCAGGGCAACCAATCTCTATCTTGATTAA
GAAACATCAAGAGAAATCATGACAGATTTAAGGAGGACTTTTTCCAGAGTGGTAAAATTGGAGGGCACTG
TAACTTGACATCCGTACATTGACGTCTGAAGGTCAGCGCAAAAGCCCTCTGCAGTCATGGTTTGCTGAG
CTACAAAGCTATACTCAGCTCAACTTCAGACCTATAGAAGATGCTAAATGTGACATTGTCATTGAAAAAC
CAACATATTTTCATGAAATTAGATGCAGGTGTTAACATGTATCACCATTCTGTGATTTTCATCAATCTTTA
TATTACTCAGCACGTTAATAACTCATTCACTGACGTGTACATCGTGATGTGGGACACCGATGGAAAA
ATTCGAGTCACCATTTCTGCACGGAGCACAGAATACCGGAAAAATCCTTAACCAAAATGAGCTTGTAATG
CACTGAAAAACAGTATCTACATTTGAAGTCCAGATTGTTGATTACAAGTATAGAGAACTTGGGTTTTAGA
TCAACTAAGGATCACACACAACAGGACATATTTATTGGAATGCATGGAGCTGGTCTGACCCATTACTT
TTCTTCCAGACTGGGCTGCTGTATTTGAAGTGTACAAGTGAAGATGAACGCTGTTACTTAGACTTGG
CCAGGCTGAGAGGCGTTCACTACATCACTTGCGACGGCAGAACAAAGTCTTTCCTCAGGATAAGGGCCA
CCATCAACCCTGGGGAGCACCCGAAGTTCACCAACTACTCTTCGATGTAGAAGAATTTATGTATCTT
GTCCTTCAGGCTGCAGACCACGTATTGCAACACCCAAAGTGCCATTTAAGAAGAAACATGATGAGCTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC209333 protein sequence Red=Cloning site Green=Tags(s) MLMLFVFGVLLHEVSLSGQNEAPPNTHSIPGEPLVNYASIRLPEEHIPFFLHNNRHIATVCRKDSLCPYK KHLEKLKYCWGYEKSCKPEFRFGYPVCSYVDMGWTDTLESAEDIFWKQADFGYARERLEEMHVLCPKET SDSSLVCSRYLQYCRATNL YLDLRNIKRNHDRFKEDFFQSGEIGGHCKLDIRTLTSEGQRKSPLQSWFAE LQSYTQLNFRPIEDAKCDIVIEKPTYFMKLDAGVNMYYHHFCDFINLYITQHVNNFSSTDVYIVMWDTDGK IRVTILARSTEYRKILNQNELVNALKTVSTFEVQIVDYKYRELGLDQLRITHNTDIFIGMHGAGLTHLL FLPDWAAVFELYNCEDERCYLDLARLRGVHYITWRRQNKVFPQDKGHHPTLGEHPKFTNYSFDVEEFMYL VLQAADHVLQHPKWPFKKKHDEL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_173654
ORF Size:	1329 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_173654.1, NP_775925.1</u>
RefSeq Size:	4414 bp
RefSeq ORF:	1332 bp
Locus ID:	285203
UniProt ID:	<u>Q5NDL2</u>
Cytogenetics:	3p14.1
MW:	52.3 kDa