

Product datasheet for **RC220269A1V**

Human Lymphocyte Activation Gene 3 (LAG3) (NM_002286) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Lymphocyte Activation Gene 3 (LAG3) (NM_002286) AAV Particle
Tag:	Myc-DDK
Symbol:	Lymphocyte Activation Gene 3
Synonyms:	CD223
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC220269 representing NM_002286
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTGGGAGGCTCAGTTCCTGGGCTTGTGTTTCTGCAGCCGCTTTGGGTGGCTCCAGTGAAGCCTCTCC
 AGCCAGGGGCTGAGGTCCCGGTGGTGTGGGCCAGGAGGGGGCTCTGCCAGCTCCCTGCAGCCCCAC
 AATCCCCCTCCAGGATCTCAGCCTTCTGCGAAGAGCAGGGTCACTTGGCAGCATCAGCCAGACAGTGGC
 CCGCCCGCTGCCGCCCCCGCCATCCCTGGCCCCCGCCCTACCCGGCGGCGCCCTCTCTGGGGGC
 CCAGGCCCCGCGCTACACGGTCTGAGCGTGGGTCCCGAGGCTGCGCAGCGGGAGGCTGCCCTGCA
 GCCCGCGTCCAGCTGGATGAGCGCGGCCGCGCAGCGGGGACTTCTCGTATGGCTGCGCCAGCCCGG
 CGCGCGGACGCCGCGAGTACCGCGCCGCGGTGCACCTCAGGGACCGGCCCTCTCTGCCGCTCCGTC
 TCGCCTGGGCGAGGCTCGATGACTGCCAGCCCCCAGGATCTCTCAGAGCCTCCGACTGGGTCAATTT
 GAACTGCTCCTCAGCCGCCCTGACCGCCAGCCTCTGTGATTGGTTCCGGAACCGGGGCCAGGCCGA
 GTCCCTGTCCGGAGTCCCCCATCACCACTTAGCGGAAAGCTTCTCTTCTGCCCAAGTCAGCCCCA
 TGGACTCTGGGCTGGGCTGCATCCTCACCTACAGAGATGGCTTCAACGTCTCCATCATGTATAACCT
 CACTGTTCTGGGTCTGGAGCCCCCACTCCCTTGACAGTGTACGCTGGAGCAGGTTCAGGGTGGGGCTG
 CCCTGCCGCTGCTGCTGGTGTGGGACCCGGTCTTCTCTACTGCCAAGTGGACTCCTCTGGGGGAG
 GCCCTGACCTCCTGGTACTGGAGACAATGGCGACTTTACCTTCGACTAGAGGATGTGAGCCAGGCCCA
 GGCTGGGACCTACACCTGCCATATCCATCTGCAGGAACAGCAGCTCAATGCCACTGTACATTGGCAATC
 ATCAGAGTACTCCAAATCCTTTGGGTACCTGGATCCCTGGGAAGCTGCTTTGTGAGGTGACTCCAG
 TATCTGGACAAGAAGCTTTGTGTGGAGCTCTTGACACCCCATCCAGAGGAGTTTCTCAGGACCTTG
 GCTGGAGGCACAGGAGGCCAGCTCCTTTCCAGCCTTGGAATGCCAGCTGTACCAGGGGAGAGGCTT
 CTTGGAGCAGCAGTGTACTTCACAGAGCTGTCTAGCCAGGTGCCAACGCTCTGGGAGAGCCCCAGGTG
 CCCTCCAGCAGGCCACCTCCTGCTGTTTCTCATCCTTGGTGTCTTTCTGCTCCTTTTGGTACTGG
 AGCCTTTGGCTTTACCTTTGGAGAAGACAGTGGCGACCAAGACGATTTTCTGCCTTAGAGCAAGGGATT
 CACCCTCCGAGGCTCAGAGCAAGATAGAGGAGCTGGAGCAAGAACCGGAGCCGAGCCGAGCCGGAAC
 CGGAGCCCGAGCCGAGCCGAGCCGAGCAGCTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220269 representing NM_002286
 Red=Cloning site Green=Tags(s)

MWEAQFLGLLFLQPLWVAPVKPLQPGAEPVVWAQEGAPALPCSPITPLQDL SLLRRAGVTWQHQPDSG
 PPAAAPGHPLAPGHPAAPSSWGPRPRRYTVLSVGPGLRSGRLPLQPRVQLDERGRQRGDFSLWLRPAR
 RADAGEYRAAVHLRDRALSCRLRLRLGQASMTASPPGSLRASDWVILNCSFSRPDRPASVHWFNRNQGGR
 VPVRESPHHLAESFLFLPQVSPMDSGPWGCILTYRDGFNVSIMYNLTVLGLPPTPLTVYAGAGSRVGL
 PCRLPAGVGTRSFLLTAKWTPPGGPDLLVTGDNGDFTLRLEDVSQAQAGTYTCHIHLEQQLNATVTLAI
 ITVTPKSFSGPSGLKLLCEVTPVSGQERFVWSSLDTPSQRSFSGPWLEAQEAQLLSQPWQCQLYQGERL
 LGAAVYFTELSPPGAQRSGRAPALPAGHLLFLILGVL SLLLVLTGAFGFHLWRRQWRPRRFSALEQGI
 HPPQAQSKIEELEQEPEPEPEPEPEPEPEPEPEQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV*

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002286

ORF Size:

1575 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_002286.4</u>
RefSeq Size:	1991 bp
RefSeq ORF:	1578 bp
Locus ID:	3902
UniProt ID:	<u>P18627</u>
Cytogenetics:	12p13.31
MW:	57.45 kDa