

Product datasheet for **RC217527A1V**

Human Argininosuccinate Lyase (ASL) (NM_000048) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Argininosuccinate Lyase (ASL) (NM_000048) AAV Particle
Tag:	Myc-DDK
Symbol:	Argininosuccinate Lyase
Synonyms:	ASAL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC217527 representing NM_000048
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCCTCGGAGAGTGGGAAGCTTTGGGGTGGCCGGTTTGTGGGTGCAGTGGACCCCATCATGGAGAAGT
 TCAACGGTCCATTGCCACGACCGGCACCTTTGGGAGGTGGATGTTCAAGGCAGCAAAGCCTACAGCAG
 GGGCCTGGAGAAGGCAGGGCTCCTACCAAGGCCGAGATGGACCAGATACTCCATGGCCTAGACAAGGTG
 GCTGAGGAGTGGGCCAGGGCACCTTCAAAGTGAAGTCCAATGATGAGGACATCCACACAGCCAATGAGC
 GCCGCTGAAGGAGCTCATTGGTGAACGGCAGGGAAGCTGCACACGGGACGGAGCCGGAATGACCAGGT
 GGTACAGACCTCAGGCTGTGGATGCGGCAGACCTGCTCCACGCTCTCGGGCCTCCTCTGGGAGCTCATT
 AGGACCATGGTGGATCGGGCAGAGCGGAACGTGATGTTCTTCCCGGGGTACACCCATTTGCAGAGGG
 CCCAGCCCATCCGCTGGAGCCACTGGATTCTGAGCCACGCCGTGGCACTGACCCGAGACTCTGAGCGGCT
 GCTGGAGGTGCGGAAGCGGATCAATGTCTGCCCTGGGGAGTGGGGCCATTGCAGGCAATCCCCTGGGT
 GTGGACCGAGAGCTGCTCCGAGCAGAATCAACTTTGGGGCCATCACTCTCAACAGCATGGATGCCACTA
 GTGAGCGGGACTTTGTGGCCGAGTTCCTGTTCTGGGCTTCGCTGTGCATGACCCATCTCAGCAGGATGGC
 CGAGGACCTCATCCTCTACTGCACCAAGGAATTCAGCTTCGTGCAGCTCTCAGATGCCTACAGCAGGGGA
 AGCAGCCTGATGCCCCAGAAGAAAAACCCCGACAGTTTGGAGCTGATCCGGAGCAAGGCTGGGCGTGTGT
 TTGGGCGGTGTGCCGGCTCCTGATGACCCTCAAGGGACTTCCCAGCACCTACAACAAAGACTTACAGGA
 GGACAAGGAAGCTGTGTTGAAGTGTGACAGACTATGAGTGCCGTGCTCCAGGTGGCCACTGGCGTCATC
 TCTACGCTGCAGATTACCAAGAGAACATGGGACAGGCTCTCAGCCCCGACATGCTGGCCACTGACCTTG
 CCTATTACCTGGTCCGAAAGGGATGCCATTCCGCCAGGCCACGAGGCCCTCCGGAAAGCTGTGTTTCAT
 GGCCGAGACCAAGGGGGTCCGCTCAACCAGTGTCACTGCAGGAGCTGCAGACCATCAGCCCCCTGTTC
 TCGGGCAGCTGATCTGCGTGTGGGACTACGGGCACAGTGTGGAGCAGTATGGTCCCTGGGCGGCACTG
 CGCGCTCCAGCGTCTGACTGGCAGATCCGCCAGGTGCGGGCGCTACTGCAGGCACAGCAGGCC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217527 representing NM_000048
 Red=Cloning site Green=Tags(s)

MASESGKLWGGRFVGAVDPIMEKFNASIAAYDRHLWEVDVQGSKAYSRLGKAGLLTKAEMDQILHGLDKV
 AEEWAQGTFLKNSNDEDIHTANERRLKEIGATAGKLHTGRSRNDQVVTDLRLWMRQTCSTLSGLLWELI
 RTMVDRAEAERDVLFPGYTHLQRAQPIRWSHWILSHAVALTRDSERLLEVRKRINVLPLGSGAIAGNPLG
 VDRELLRAELNFGAITLNSMDATSERDFVAEFLFWASLCMTHLSRMAEDLILYCTKEFSFVQLSDAYSTG
 SSLMPQKKNPDSLELIRSKAGRVFGRGAGLLMTLKGLPSTYNKDLQEDKEAVFEVSDTMSAVLQVATGVI
 STLQIHQENMGQALSPDMLATDLAYLVRKGMFPRQAHEASGKAVFMAETKGVALLNQLSLQELQTI SPLF
 SGDVICVWDYGHVSEQYALGGTARSSVDWQIRQVRALLQAQQA

SGPTRRRLLEQKLI SEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000048

ORF Size:

1392 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:	NM_000048.3
RefSeq Size:	1937 bp
RefSeq ORF:	1395 bp
Locus ID:	435
UniProt ID:	P04424
Cytogenetics:	7q11.21
MW:	51.5 kDa