

Product datasheet for **RC221949A1V**

Human ARL13B (NM_182896) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARL13B (NM_182896) AAV Particle
Tag:	Myc-DDK
Symbol:	ARL13B
Synonyms:	ARL2L1; JBTS8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221949 representing NM_182896 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTTCACTCTGATGGCCAGTTGCTGCGGCTGGTTCAAGCGGTGGCGGGAGCCTGTCAGAAAGGTGACTC
TTTTGATGGTGGGACTTGATAATGCTGGTAAAACCGCAACAGCAAAGGGAATCCAAGGAGAATACCCTGA
AGATGTAGCTCCTACTGTTGGATTTTCAAAAATTAACCTTAGACAAGGAAAGTTTGAAGTCACCATCTTT
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CATGTTTCAGCAATCTCGGGGTATGGAAGAAAAATTGACAAGTCCATTAAAAAGGCCTTTATTGGCTGCT
ACATGTTATTGCAAGAGACTTTGATGCCTTAAATGAACGCATCCAAAAAGAGACAACAGAGCAGCGTGCT
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AACAGGAGCAGGCTGAATCGATGGAACCAAGTGGTCTGGCTGAGTTGGACCCAGAACCAACGAATCCTTT
CCAGCCAATAGCATCTGTAATCATTGAGAATGAAGGAAAACTTGAAGAGAGAAAAAAACCAAAAAATG
GAGAAAGACAGTGATGGCTGCCACCTGAAACATAAAATGGAGCATGAGCAATAGAGACACAAGGCCAGG
TTAATCACAAATGGCCAAAAAAATGAATTTGGACTAGTAGAAAATTATAAGGAGGCATTAACACAGCA
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CACCCCCACCCCTCCTCCTGTTGGCTGGGGAACCCCTAAAGTCACTAGACTTCCAAAATTGAGCCTCT
TGGTGAAACACATCATAATGATTTCTATAGGAAGCCACTGCCTCCCCTGGCTGTGCCACAGCGACCTAAC
AGTGATGCTCATGATGTGATCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221949 representing NM_182896 Red=Cloning site Green=Tags(s) MFSLMASCCGWFKRWREPVRKVTLTMVGLDNAGKTATAKGIQGEYPEDVAPTGVGFSKINLRQGKFEVTIF DLGGGIRIRGIWKNYAESYGIVFVVDSSDEERMEETKEAMSEMLRHPRISGKPILVLANKQDKEGALGE ADVIECLSLLEKLVNEHKCLCQIEPCSAISGYGKKIDKSIKKGLYLLHVIARDFDALNERIQKETTEQRA LEEQEKQERAERVRLREERQNEQEQAELDGTSGLAELDPEPTNPFQPIASVIEGKLEREKKNQKM EKDSDGCHLKHKMEHEQIETQGQVNHNGQKNEFGLVENYKEALTQQLKNEDETRPSLESANGKKKTKK LRMKRNHRVEPLNIDDCAPESPTPPPPPPVWGTPKVTRLPKLEPLGETHNDFYRKPLPLAVPQRPN SDAHDVIS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_182896
ORF Size:	1284 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_182896.1</u>
RefSeq Size:	3451 bp
RefSeq ORF:	1287 bp
Locus ID:	200894
UniProt ID:	<u>Q3SXY8</u>
Cytogenetics:	3q11.1-q11.2
MW:	48.5 kDa