

Product datasheet for **RC200504A1V**

Human AKR1B1 (NM_001628) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AKR1B1 (NM_001628) AAV Particle
Tag:	Myc-DDK
Symbol:	AKR1B1
Synonyms:	ADR; ALDR1; ALR2; AR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200504 representing NM_001628 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGCGCGC
GCC

ATGGCAAGCCGTCTCCTGCTCAACAACGGCGCCAAGATGCCCATCCTGGGGTTGGGTACCTGGAAGTCCC
CTCCAGGGCAGGTGACTGAGGCCGTGAAGGTGGCCATTGACGTCGGGTACCGCCACATCGACTGTGCCCA
TGTGTACCAGAAATGAGAATGAGGTGGGGTGGCCATTCAGGAGAAGCTCAGGGAGCAGGTGGTGAAGCGT
GAGGAGCTCTTCATCGTCAGCAAGCTGTGGTGCACGTACCATGAGAAGGGCCTGGTGAAGGAGCCTGCC
AGAAGACACTCAGCGACCTGAAGCTGGACTACCTGGACCTCTACCTTATTCAGTGGCCGACTGGCTTTAA
GCCTGGGAAGGAATTTTCCCATTTGGATGAGTCGGGCAATGTGGTTCCCAAGTACACCAACATTCTGGAC
ACGTGGGCGGCCATGGAAGAGCTGGTGGATGAAGGGCTGGTGAAGCTATTGGCATCTCCAACCTCAACC
ATCTCCAGGTGGAGATGATCTTAAACAAACCTGGCTTGAAGTATAAGCCTGCAGTTAACCAGATTGAGTG
CCACCCATATCTCACTCAGGAGAAGTTAATCCAGTACTGCCAGTCCAAAGGCATCGTGGTGACCGCCTAC
AGCCCCCTCGGCTCTCTGACAGGCCCTGGGCCAAGCCGAGGACCTTCTCTCTGGAGGATCCAGGA
TCAAGGCGATCGCAGCAAGCACAATAAACTACAGCCAGGTCCTGATCCGGTCCCCATGCAGAGGAA
CTTGGTGGTATCCCCAAGTCTGTGACACCAGAACGATTGCTGAGAAGTTAAGGTCTTTGACTTTGAA
CTGAGCAGCCAGGATATGACCACCTTACTCAGCTACAACAGGAAGTGGAGGGTCTGTGCCTTGTGAGCT
GTACCTCCACAAGGATTACCCCTTCATGAAGAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200504 representing NM_001628 Red=Cloning site Green=Tags(s) MASRLLLNNGAKMPILGLGTWKSPPGQVTEAVKVAIDVGYPYRHIDCAHVYQNEVEGVAIQEKLEQVVKR EELFIVSKLWCTYHEKGLVKACQKTLSDLKLDYLDLYLIHWPTGFKPGKEFFPLDESGNVVPSDTNILD TWAAMEELVDEGLVKAIGISNHNHLQVEMILNKPGLKYKPAVNQIECHPYLTQEKLQYCQSKGIVVTAY SPLGSPDRPWAKPEDPSLLEDPRKAIKAAHNKTTAQVLIRFPMQRNLVVIPKSVTPERIAENFKVDFE LSSQDMTLLSYNRNWRVCALLSCTSHKDYPFHEEF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001628
ORF Size:	948 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_001628.2</u>
RefSeq Size:	1416 bp
RefSeq ORF:	951 bp
Locus ID:	231
UniProt ID:	<u>P15121</u>
Cytogenetics:	7q33
MW:	35.7 kDa