

Product datasheet for **RC207278A1V**

Human AKR1C1 (NM_001353) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AKR1C1 (NM_001353) AAV Particle
Tag:	Myc-DDK
Symbol:	AKR1C1
Synonyms:	2-ALPHA-HSD; 20-ALPHA-HSD; C9; DD1; DD1/DD2; DDH; DDH1; H-37; HAKRC; HBAB; MBAB
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC207278 representing NM_001353 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATTCGAAATATCAGTGTGTGAAGCTGAATGATGGTCACTTCATGCCTGTCCTGGGATTTGGCACCT
ATGCGCCTGCAGAGGTTCTAAAAGTAAAGCTTTAGAGGCCACCAAATTGGCAATTGAAGCTGGCTTCCG
CCATATTGATTCTGCTCATTTATACAATAATGAGGAGCAGGTTGGACTGGCCATCCGAAGCAAGATTGCA
GATGGCAGTGTGAAGAGAGAAGACATATTCTACACTTCAAAGCTTTGGTGCAATTCCTATCGACCAGAGT
TGGTCCGACCAGCCTTGGAAAGGTCACCTGAAAAATCTTCAATTGGATTATGTTGACCTCTACCTTATTCA
TTTTCCAGTGTCTGTAAAGCCAGGTGAGGAAGTATCCCAAAAGATGAAAAATGAAAAATACTATTTGAC
ACAGTGGATCTCTGTGCCACGTGGGAGGCCGTGGAGAAGTGTAAAGATGCAGGATTGGCCAAGTCCATCG
GGGTGTCCAACCTCAACCGCAGGCAGCTGGAGATGATCCTCAACAAGCCAGGGCTCAAGTACAAGCCTGT
CTGCAACCAGGTGGAATGTATCCTTACTTCAACCAGAGAAAAGTCTGGATTCTGCAAGTCAAAGAC
ATTGTTCTGGTTGCCTATAGTGCTCTGGGATCCACCGAGAAGAACCATGGGTGGACCCGAACCTCCCGG
TGCTCTTGAGGACCCAGTCCTTTGTGCCTTGGCAAAAAGCACAAGCGAACCCAGCCCTGATTGCCCT
GCGCTACCAGCTACAGCGTGGGTTGTGGTCTGGCCAAGAGCTACAATGAGCAGCGCATCAGACAGAAC
GTGCAGGTGTTTGAATTCCAGTTGACTTCAGAGGAGATGAAAGCCATAGATGGCCTAAACAGAAATGTGC
GATATTTGACCCTTGATATTTTGTGCCCCCTAATTATCCATTTTCTGATGAATAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC207278 representing NM_001353 Red=Cloning site Green=Tags(s) MDSKYQCVKLNDGHFMPVLGFGTYAPAEVPSKALEATKLAIEAGFRHIDSAHLYNNEEQVGLAIRSKIA DGSVKREDIFYTSKLWCNSHRPELVRPALERSLKNLQLDYVDLYLIHFPVSVKPGEEVIPKDENGKILFD TVDLCATWEAVEKCKDAGLAKSIGVSNFNRRQLEMILNKPGLKYKPVCNQVECHPYFNQRKLLDFCKSKD IVLVAYSALGSHREEPWVDPNSPVLLDPVLCALAKKHKRTPALIALRYQLQRGVVVLAKSYNEQRIRQN VQVFEFQLTSEEMKAIDGLNRNVRYLTLDIFAGPPNYPFSDEY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001353
ORF Size:	969 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_001353.5
RefSeq Size:	1384 bp
RefSeq ORF:	972 bp
Locus ID:	1645
UniProt ID:	Q04828
Cytogenetics:	10p15.1
MW:	36.6 kDa