

Product datasheet for **RC223056A1V**

Human AKR1D1 (NM_005989) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AKR1D1 (NM_005989) AAV Particle
Tag:	Myc-DDK
Symbol:	AKR1D1
Synonyms:	3o5bred; CBAS2; SRD5B1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223056 representing NM_005989 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATCTCAGTGCTGCAAGTCACCGCATACCTCTAAGTGATGGAAACAGCATTCCCATCATCGGACTTG
GTACCTACTCAGAACCTAAATCGACCCCTAAGGGAGCCTGTGCAACATCGGTGAAGTTGCTATTGACAC
AGGGTACCGACATATTGATGGGGCCTACATCTACCAAAATGAACACGAAGTTGGGGAGGCCATCAGGGAG
AAGATAGCAGAAGGAAAGGTGCGGAGGGAAGATATCTTCTACTGTGAAAAGCTATGGGCTACAAATCATG
TCCCAGAGATGGTCCGCCAACCTGGAGAGGACACTCAGGGTCTCCAGCTAGATTATGTGGATCTTTA
CATCATTGAAGTACCATGGCCTTTAAGCCAGGAGATGAAATATACCCTAGAGATGAGAATGGCAAATGG
TTATATCACAAGTCAAATCTGTGTGCCACTTGGGAGGCGATGGAAGCTTGCAAAGACGCTGGCTTGGTGA
AATCCCTGGGAGTGTCCAATTTAACCAGGAGCTGGAGCTCATCCTGAACAAGCCAGGACTCAAACA
CAAGCCAGTCAGCAACCAGGTTGAGTGCCATCCGTATTTACCCAGCCAAACTCTTGAATTTTGCCAA
CAACATGACATTGTCTTACTGCATATAGCCCTTTGGGGACAGTAGGAATCCAATCTGGGTGAATGTTT
CTTCTCCACCTTTGTTAAAGGATGCACTTCTAACTCATTGGGGAAAAGGTACAATAAGACAGCAGCTCA
AATTGTTTTGCGTTTCAACATCCAGCGAGGGGTGGTTGTCATTCTAAAAGCTTTAATCTTGAAAGGATC
AAAGAAAATTTTCAGATCTTTGACTTTTCTCTACTGAAGAAGAAATGAAGGACATTGAAGCCTTGAATA
AAAATGTCCGCTTTGTAGAATTGCTCATGTGGCGGATCATCCTGAATACCCATTTCATGATGAATAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC223056 representing NM_005989 Red=Cloning site Green=Tags(s) MDLSAASHRIPLSDGNSIPIIGLGTYPKSTPKGACATSVKVAIDTGYRHIDGAYIYQNEHEVGEAIRE KIAEGKYRREDIFYCGKLWATNHVPEMVRPTLERTLRVLQLDYVDLYIEVPMFAFKPGDEIYPRDENGKW LYHKSNLCAWEAMEACKDAGLVKSLGVSFNRRLQELILNKPGLKHKPVSNQVECHPYFTQPKLLKFCQ QHDIVITAYSPLGTSRNPWVNVSSPPLLKDALNSLGKRYNKTAQIVLRFNIQRGVVVPKSFNLERI KENFQIFDFSLTEEMKDIEALNKNVRFVELLMWRDHPEYPFHDEY* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005989
ORF Size:	978 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_005989.2
RefSeq Size:	2692 bp
RefSeq ORF:	981 bp
Locus ID:	6718
UniProt ID:	P51857
Cytogenetics:	7q33
MW:	37.2 kDa