

## Product datasheet for **RC224970A1V**

### Human AKR1CL2 (AKR1E2) (NM\_001040177) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human AKR1CL2 (AKR1E2) (NM\_001040177) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** AKR1CL2  
**Synonyms:** AKR1CL2; AKRDC1; htAKR; hTSP; HTSP1; LoopADR; TAKR  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC224970 representing NM\_001040177  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGAGATATCCCAGCCGTGGGCCTCAGCTCCTGGAAGGCTTCTCCAGGGAAAGTGACCGAGGCAGTGA  
AAGAGGCCATTGACGCAGGGTACCGCACTTCGACTGTGCTTACTTTTACCACAATGAGAGGGAGGTTGG  
AGCAGGGATCCGTTGCAAGATCAAGGAAGGCGCTGAAGACGGGAGGATCTGTTTCATTGCCACTAAGCTG  
TGGTGCACCTGCCATAAGAAGTCCTTGGTGAAACAGCATGCAGAAAGAGTCTCAAGGCCTTGAAGCTGA  
ACTATTTGGACCTACCTCATACACTGGCCATGGGTTTCAAGCCTCCTCATCCAGAATGGATCATGAG  
CTGCAGTGAACCTTCTTCTGCCTCTCACATCCTCGAGTGCAGGACTTGCCTCTGGACGAGCAACATG  
GTTATTCCCAGTGACACGGACTTCTGGACACGTGGGAGGCCATGGAGGACCTGGTGATCACCGGCTGG  
TGAAGAACATCGGGGTGCAAACCTCAACCATGAACAGCTTGAGAGGCTTTTGAATAAGCCTGGGTTGAG  
GTTCAAGCCACTAACCAACCAGATTGAGTGCCACCCATATCTTACTCAGAAGAATCTGATCAGTTTTTGC  
CAATCCAGAGATGTGTCCTGACTGCTTACCGTCTCTGGTGGCTCGTGTGAGGGGTTGACCTGATAG  
ACAACCTGTGATCAAGAGGATTGCAAAGGAGCACGGCAAGTCTCCTGCTCAGATTTTGATCCGATTTCA  
AATCCAGAGGAATGTGATAGTGATCCCCGGATCTATCACCCAAGTACATTAAAGAGAATATCCAGGTG  
TTTGATTTTGAATTAACACAGCAGATATGGATAACATCCTCAGCCTAACAGGAATCTCCGACTGGCCA  
TGTTCCCATAACTAAAAATCACAAAGACTATCCTTTCCACATAGAATAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC224970 representing NM_001040177 Red=Cloning site Green=Tags(s)  MGDIPAVGLSSWKASPGKVTEAVKEAIDAGYRHFDCAYFYHNEREVGAGIRCKIKEGAVRREDLFIATKL WCTCHKKSLVETACRKS LKALKLNLDLYLIHWPMGFKPPHPEWIMSCSELSFCLSHPRVQDLPLDESNM VIPSDTDFLDTWEAMEDLVITGLVKNI GVSNFNHEQLERLLNKPGLRFKPLTNQIECHPYLTQKNLISFC QSRDVSVTAYRPLGGSCGVDLIDNPVIKRIAKEHGKSPAQILIRFQIQRN VIVIPGSITPSHIKENIQV FDFELTQHMDN ILSLNRNRLAMFPITKNHKDYPFHIEY  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001040177
<b>ORF Size:</b>	960 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001040177.1</a>
<b>RefSeq Size:</b>	1623 bp
<b>RefSeq ORF:</b>	963 bp
<b>Locus ID:</b>	83592
<b>UniProt ID:</b>	<a href="#">Q96JD6</a>
<b>Cytogenetics:</b>	10p15.1
<b>MW:</b>	36.4 kDa