

Product datasheet for **RC206675A1V**

Human AKR7A3 (NM_012067) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AKR7A3 (NM_012067) AAV Particle
Tag:	Myc-DDK
Symbol:	AKR7A3
Synonyms:	AFAR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206675 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCCCGGCAGCTGTCGCGGGCCCGGCCAGCCACGGTGCTGGGCGCCATGGAGATGGGGCGCCGATGG
ACGCGCCACAGCGCCGAGTCACGCGCGCCTTCCTGGAGCGCGGCCACACCGAGATAGACACGGCCTT
CGTGACAGCGAGGGCCAGTCCGAGACCATCCTTGGCGGCCTGGGGCTCCGGCTGGGCGGCAGCGACTGC
AGAGTGAATTTGATACCAAGGCCATTCAGTGTGGGAACTCCCTGAAGCCTGACAGTCTCCGGTTCC
AGCTGGAGACGTCAGTGAAGCGGCTGCAGTGTCCCGAGTGGACCTCTTCTACCTGCATATGCCAGACCA
CAGCACCCCGGTGGAAGAGACACTGCGTGCCTGCCACAGCTGCACCAGGAGGGCAAGTTCATGGAGCTT
GGCCTCTCCAATATGCAGCCTGGGAAGTGGCCGAGATCTGTACCCTCTGCAAGAGCAACGGCTGGATCC
TGCCCACTGTGTACCAGGGCATGTACAATGCCATCACCCGGCAGGTGGAACGGAGCTCTTCCCCTGCCT
CAGGCACTTTGGACTGAGGTTCTATGCCTTCAACCCTCTGGCTGGGGGCTGCTGACCGGCAAGTACAAG
TATGAGGACAAGGATGGGAAACAGCCCGTGGGCCGCTTCTTGGGAATACCTGGGCAGAGATGTACAGGA
ATCGCTACTGGAAGGAGCACCCTTTGAGGGCATTGCCCGGTGGAGAAGGCCCTGCAGGCCGCGTATGG
CGCCAGCGCCCCAGCATGACCTCGGCCACCTCCGGTGGATGTACCACCACTCACAGCTGCAGGGTGCC
CACGGGGACGCGGTCATCCTGGGCATGTCCAGCCTGGAGCAGCTGGAGCAGAAGTGGCAGCGGCAGAGG
AAGGGCCCTGGAGCCGGCTGTCGTGGACGCCTTAATCAAGCCTGGCATTGTTGCTCACGAATGTCC
CAACTACTTCCGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence:	>RC206675 protein sequence Red=Cloning site Green=Tags(s) MSRQLSRARPATVLGAMEMGRRMDAPTSAAVTRAFLERGHTEIDTAFVYSEGQSETILGGLGLRLGGSDC RVKIDTKAIPLFGNSLKPDSLRFQLETSLKRLQCPVDLFYLMHPDHSTPVEETLRACHQLHQEGKFMEL GLSNYAAWEVAEICTLCKSNGWILPTVYQGMYNATRQVETELFPCRHFGLRFYAFNPLAGGLLTGKYK YEDKDGKQPVGRFFGNTWAEMYRNRYWKEHHFEGIAPEKALQAAYGASAPSMTSATLRWYHHSQQLGA HGDAVILGMSSLEQLQNLAAAEGLPEPAVVDAFNQAWHLVAHECPNYFR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012067
ORF Size:	993 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_012067.2</u>
RefSeq Size:	1301 bp
RefSeq ORF:	996 bp
Locus ID:	22977
UniProt ID:	<u>O95154</u>
Cytogenetics:	1p36.13
MW:	37.2 kDa