

Product datasheet for **RC224304A1V**

Human ADH7 (NM_000673) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	ADH7
Synonyms:	ADH4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC224304 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTGCAGAAATACAGATCCAAGACAAAGACAGGATGGGCACTGCTGGAAAAGTTATTAATGCAAAG
CAGCTGTGCTTTGGGAGCAGAAGCAACCTTCTCCATTGAGGAAATAGAAGTTGCCCCACCAAGACTAA
AGAAAGTTCGCATTAAGATTTTGGCCACAGGAATCTGTCGCACAGATGACCATGTGATAAAAGGAACAATG
GTGTCCAAGTTTCCAGTGATTGTGGGACATGAGGCAACTGGGATTGTAGAGAGCATTGGAGAAGGAGTGA
CTACAGTGAAACCAGGTGACAAAGTCATCCCTCTCTTCTGCCACAATGTAGAGAATGCAATGCTTGTCG
CAACCCAGATGGCAACCTTTGCATTAGGAGCGATATTACTGGTCGTGGAGTACTGGCTGATGGCACCACC
AGATTTACATGCAAGGGCAAACCAAGTCCACCCTTCATGAACACCAGTACATTTACCGAGTACACAGTGG
TGGATGAATCTTCTGTTGCTAAGATTGATGATGCAGCTCCTCCTGAGAAAAGTCTGTTTAATTGGCTGTGG
GTTTTCCACTGGATATGGCGCTGCTGTTAAACTGGCAAGGTCAAACCTGGTTCACCTTGCCTGCTCTTT
GGCCTGGGAGGAGTTGGCCTGTCAGTCATCATGGGCTGTAAGTCAGCTGGTGCATCTAGGATCATTGGGA
TTGACCTCAACAAAGACAAATTTGAGAAGGCCATGGCTGTAGGTGCCACTGAGTGTATCAGTCCCAAGGA
CTCTACCAAAACCATCAGTGAGGTGCTGTCAGAAATGACAGGCAACAACGTGGGATACACCTTTGAAGTT
ATTGGGCATCTTGAAACCATGATTGATGCCCTGGCATCCTGCCACATGAACATGGGACCAGCGTGGTTG
TAGGAGTTCCTCCATCAGCCAAGATGCTCACCTATGACCCGATGTTGCTCTTCACTGGACGCACATGGAA
GGGATGTGCTTTGGAGGTTTGAAAAGCAGAGATGATGTCCCAAACTAGTGACTGAGTTCTGGCAAAAG
AAATTTGACCTGGACAGTTGATAACTCATGTTTACCATTAAAAAATCAGTGAAGGATTTGAGCTGC
TCAATTCAGGACAAAGCATTGCAACGGTCTGACGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC224304 protein sequence Red=Cloning site Green=Tags(s) MFAEIQIQDKDRMGTAGKVIKCKAAVLWEQKQPFSEIEIEVAPPKTKEVRIKILATGICRTDDHVIKGT VSKFPVIVGHEATGIVESIGEGVTTVKPGDKVIPLFLPQCRECNACRNPdGNLCIRSDITGRGVLADGTT RFTCKGKPVHHFMTSTFTEYTVVDESSVAKIDDAAPPEKVCLIGCGFSTGYGAAVKTGKVKPGSTCVVF GLGGVGLSVIMGCKSAGASRIIGIDLNDKFEKAMAVGATECISPKDSTKPISEVLSEMTGNNVGTYFEV IGHLETMIDALASCHMNYGTSVVGVPPSAKMLTYDPMLLFTGRTWKGCVFGLKSRDDVPKLVTEFLAK KFDLDQLITHVLPFKKISEGFELLNSGQSIRTVLTf TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000673
ORF Size:	1158 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_000673.3, NP_000664.2</u>
RefSeq Size:	2307 bp
RefSeq ORF:	1125 bp
Locus ID:	131
UniProt ID:	<u>P40394</u>
Cytogenetics:	4q23
MW:	41.5 kDa