

Product datasheet for **RC204903A1V**

Human ADH5 (NM_000671) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ADH5 (NM_000671) AAV Particle
Tag:	Myc-DDK
Symbol:	ADH5
Synonyms:	ADH-3; ADHX; AMEDS; BMFS7; FALDH; FDH; GSH-FDH; GSNOR; HEL-S-60p
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204903 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGAACGAGGTTATCAAGTGCAAGGCTGCAGTTGCTTGGGAGGCTGGAAAGCCTCTCTCCATAGAGG
AGATAGAGGTGGCACCCCAAGGCTCATGAAGTTCGAATCAAGATCATTGCCACTGCGGTTTGCCACAC
CGATGCCTATACCCTGAGTGGAGCTGATCCTGAGGGTTGTTTTCCAGTGATCTTGGGACATGAAGGTGCT
GGAATTTGTGAAAAGTGTGGTGAGGGATTACTAAGCTGAAGGCGGGTGACACTGTCATCCCACTTTACA
TCCACAGTGTGGAGAATGCAAATTTGTCTAAATCCTAAAACCTAACCTTTGCCAGAAGATAAGAGTCAC
TCAAGGGAAAAGGATTAATGCCAGATGGTACCAGCAGATTTACTTGCAAAGGAAAAGACAATTTTGCAATTAC
ATGGGAACCCAGCACATTTTCTGAATACACAGTTGTGGCTGATATCTCTGTTGCTAAAATAGATCCTTTAG
CACCTTTGGATAAAGTCTGCCTTCTAGGTTGTGGCATTCAACCGGTTATGGTGTGCTGTGAACACTGC
CAAGTTGGAGCCTGGCTCTGTTTGTGCCGTCTTTGGTCTGGGAGGAGTCGGATTGGCAGTTATCATGGGC
TGTAAGTGGCTGGTCTTCCCGGATCATTGGTGTGGACATCAATAAAGATAAATTTGCAAGGGCCAAAG
AGTTTGGAGCCACTGAATGTATTAACCCTCAGGATTTAGTAAACCCATCCAGGAAGTGCTCATTGAGAT
GACCGATGGAGGAGTGGACTATTCCTTTGAATGTATTGGTAATGTGAAGGTGATGAGAGCAGCACTTGAG
GCATGTCACAAGGGCTGGGGCTCAGCGTCGTGGTTGGAGTAGCTGCTCAGGTGAAGAAATGCCACTC
GTCCATTCAGCTGGTAACAGGTCGCACATGGAAGGCACTGCCTTTGGAGGATGGAAGAGTGTAGAAAAG
TGTCCTCAAGTTGGTGTCTGAATATATGTCCAAAAGATAAAAAGTTGATGAATTTGTGACTCACAACTCTG
TCTTTTGTGAAATCAACAAAGCCTTTGAACTGATGCATTCTGGAAAGAGCATTGCAACTGTTGTAAGA
TT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC204903 protein sequence Red=Cloning site Green=Tags(s)</p> <p>MANEVIKCKAAVAWEAGKPLSIEEIEVAPPKAHEVRIKIIATAVCHTDAYTLSGADPEGCFPVILGHEGA GIVESVGEGVTKLKAGDTVIPL YIPQCGECKFCLNPKTNLCQKIRVTQKGKGLMPDGTSRFTCKGKTI LHY MGTSTFSEYTVVADISVAKIDPLAPLDKVCLLGCGISTGYGAAVNTAKLEPGSVCAVFGGLGGVGLAVIMG CKVAGASRIIGVDINKDKFARAKEFGATECINPQDFSKPIQEVLIEMTDGGVDYSFECIGNVKVMRAALE ACHKGWGVSVVVGVAASGEEIATRPFQLVTGRTWKGTAFFGGWKSVEVSPKLVSEYMSKKIKVDEFVTHNL SFDEINKAFELMHSGKSIRTVVKI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000671
ORF Size:	1122 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_000671.3
RefSeq Size:	2652 bp
RefSeq ORF:	1125 bp
Locus ID:	128
UniProt ID:	P11766
Cytogenetics:	4q23
MW:	39.7 kDa