

Product datasheet for **RC209034A1V**

Human DHODH (NM_001361) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DHODH (NM_001361) AAV Particle
Tag:	Myc-DDK
Symbol:	DHODH
Synonyms:	DHodehase; POADS; URA1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209034 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGTGGAGACACCTGAAAAAGCGGGCCAGGATGCTGTGATCATCTGGGGGAGGAGGACTTCTCT
TCGCCTCTACCTGATGGCCACGGGAGATGAGCGTTTCTATGCTGAACACCTGATGCCGACTCTGCAGGG
GCTGCTGGACCGGAGTCAGCCACAGACTGGCTGTTTCGCTTCACCTCCCTGGGGCTCCTTCCACGGGCC
AGATTTCAAGACTCTGACATGCTGGAAGTGAGAGTTCTGGGCCATAAATCCGAAATCCAGTAGGAATTG
CTGCAGGATTTGACAAGCATGGGGAAGCCGTGGACGGACTTTATAAGATGGGCTTTGGTTTGTGAGAT
AGGAAGTGTGACTCCAAACCTCAGGAAGGAAACCTAGACCCAGAGTCTTCCGCCTCCCTGAGGACCAA
GCTGTCATTAACAGGTATGGATTAAACAGTCACGGGCTTTCAGTGGTGAACACAGGTTACGGGCCAGAC
AGCAGAAGCAGGCCAAGCTCACAGAAGATGGACTGCCTCTGGGGTCACTTGGGGAAGAACAAGACCTC
AGTGGACGCGCGGAGGACTACGCAGAAGGGTGCAGTACTGGGCCCTGGCCGACTACCTGGTGGTG
AATGTGTCCAGCCCCAAGCTGCCGGGCTGCGGAGCCTCAGGAAAGGCCGAGCTGCGCCGCTGCTGA
CCAAGGTGCTGCAGGAGAGGGATGGCTTGGGAGAGTGACAGGCCGGCAGTCTGGTGAAGATCGCTCC
TGACCTCACCAGCCAGGATAAGGAGGACATTGCCAGTGTGGTCAAAGAGTTGGGCATCGATGGGCTGATT
GTTACGAACACCACCGTGAGTCGCCCTGCGGGCTCCAGGGTGCCTGCGCTCTGAAACAGGAGGGCTGA
GTGGGAAGCCCCCTCCGGGATTTATCAACTCAAACCATTCGGGAGATGTATGCACTCACCAAGGCCGAGT
TCCCATTAATTGGGGTTGGTGGTGTGAGCAGCGGCAGGACGCGCTGGAGAAGATCCGGGAGGGGCTCC
CTGGTGCAGCTGTACACGGCCCTCACCTTCTGGGGGCCACCGTTGTGGGCAAAGTCAAGCGGGAAGTGG
AGGCCCTTCTGAAAGAGCAGGGCTTTGGCGGAGTCACAGATGCCATTGGAGCAGATCATCGGAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209034 protein sequence Red=Cloning site Green=Tags(s) MAWRHLKKRAQDAVIIILGGGGLLFASYLMATGDERFYAEHLMPTLQGLDPESAHLAVRFTSLGLLPRA RFQSDMLEVRVLGHKFRNPVGIAAGFDKHGEAVDGLYKMGFGFVEIGSVTPKPQEGNPRPRVFRLPEDQ AVINRYGFNSHGLSVVEHRLRARQQKQAKLTEDGLPLGVNLGKNKTSVDAAEDYAEGVRVLGPLADYLVV NVSSPNTAGLRSLQGKAE LRLLTKVLQERDGLRRVHRPAVLVKIAPDLTSQDKEDIASVVKELGIDGLI VTNTTVSRPAGLQGALRSETGGLSGKPLRDLSTQTIREMYALTQGRVPIIGVGGVSSGQDALEKIRAGAS LVQLYTALTFWGPPVVGKVKRELEALLKEQGGGVTDAGDHRR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001361
ORF Size:	1185 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_001361.3
RefSeq Size:	2438 bp
RefSeq ORF:	1188 bp
Locus ID:	1723
UniProt ID:	Q02127
Cytogenetics:	16q22.2
MW:	42.9 kDa