

Product datasheet for **RC202132A1V**

Human UDP glucose dehydrogenase (UGDH) (NM_003359) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human UDP glucose dehydrogenase (UGDH) (NM_003359) AAV Particle
Tag:	Myc-DDK
Symbol:	UDP glucose dehydrogenase
Synonyms:	DEE84; EIEE84; GDH; UDP-GlcDH; UDPGDH; UGD
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202132 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTTTGAATTAAGAAGATCTGTTGCATTGGTGCAGGCTATGTTGGAGGACCCACATGTAGTGTCAATG
 CTCATATGTGTCTGAAATCAGGGTAACGGTTGTTGATGTCAATGAATCAAGAATCAATCGGTGGAATTC
 TCCTACACTTCCTATTTATGAGCCAGGACTAAAAGAAGTGGTAGAATCCTGTCGAGGAAAAAATCTTTTT
 TTTTCTACCAATATTGATGATGCCATCAAAGAAGCTGATCTTGTATTTATTTCTGTGAATACTCCAACAA
 AAACCTATGGAATGGGAAAGGCCGGGCAGCAGATCTGAAGTATATTGAAGCTTGTGCTAGACGCATTGT
 GCAAACTCAAATGGGTACAAAATTGTGACTGAGAAAAGCACAGTTCGGTGCAGGAGCAGAAAAGTATC
 CGTCGCATATTTGATGCAAAACAAAAACCAACTTGAATTTACAGGTGCTGTCCAACCCTGAGTTTCTGG
 CAGAGGGAACAGCCATCAAGGACCTAAGAACCAGACAGAGTACTGATTGGAGGGGATGAACTCCAGA
 GGGCCAGAGAGCTGTGCAGGCCCTGTGTCTGTATATGAGCACTGGGTTCCAGAGAAAAGATCCTCACC
 ACTAATACTTGGTCTTCAGAGCTTCCAACTGGCAGCAAATGCTTTTCTTGCCAGAGAATAAGCAGCA
 TTAACCTCATAAGTGCTCTGTGTGAAGCAACAGGAGCTGATGTAGAAGAGGTAGCAACAGCGATTGGAAT
 GGACCAGAGAATTGGAACAAGTTTCTAAAAGCCAGTGTGGGTTTGGTGGGAGCTGTTTCCAAAAGGAT
 GTTCTGAATTTGGTTTATCTCTGTGAGGCTCTGAATTTGCCAGAAGTAGCTCGTTATTGGCAGCAGGTCA
 TAGACATGAATGACTACCAGAGGAGGAGGTTTGCCTCCCGGATCATAGATAGTCTGTTTAAACAGTAAC
 TGATAAGAAGTAGCTATTTGGGATTTGCATTCAAAAAGGACACTGGTGATACAAGAGAATCTTCTAGT
 ATATATATTAGCAAATATTTGATGGATGAAGGTGCACATCTACATATATATGATCCAAAAGTACCTAGGG
 AACAAATAGTTGTGGATCTTTTCATCCAGGTGTTTCAGAGGATGACCAAGTGTCCCGGCTCGTGACCAT
 TTCCAAGGATCCATATGAAGCATGTGATGGTGCATGCTGTTGTTATTTGCACTGAGTGGGACATGTTT
 AAGGAATTGGATTATGAACGCATTCAAAAAAATGCTAAAGCCAGCCTTTATCTTCGATGGACGGCGTG
 TCCTGGATGGGCTCCACAATGAACTACAAACCATTGGCTTCCAGATTGAAACAATTGGCAAAAAGGTGTC
 TTCAAAGAGAATTCCATATGCTCCTTCTGGTGAATTCGGAAGTTTAGTCTTCAAGATCCACCTAACAG
 AAACCTAAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202132 protein sequence
 Red=Cloning site Green=Tags(s)

MFEIKKICIGAGYVGGPTCSVIAHMCPEIRVTVVDVNESRINAWNSPTLPIYEPGLKEVVESCRGKNLF
 FSTNIDDAIKEADLVFISVNTPTKTYGMKGRAADLKYIEACARRIVQNSNGYKIVTEKSTVPVRAAESI
 RRIFDANTKPNLNLQVLSNPEFLAEGTAIKDLKNPDRVLIGGDETPEGQRAVQALCAVYEHVWPREKILT
 TNTWSSELKLAANAFLAQRISINSISALCEATGADVVEEVATAIGMDQRIGNKFLKASVFGGSCFQKD
 VLNLVYLCEALNLPEVARYWQVIDMNDYQRRRFASRIIDSLFNTVTDKIIAILGF AFKKTGDTRESSS
 IYISKYLMDEGAHLHIYDPKVPREQIVVDLSHPGVSEDDQVSRLVTISKDPYEACDGAHAVVICTEWMF
 KELDYERIHKKMLKPAFIFDGRRLVDGLHNELQITIGFQIETIGKKVSSKRIPYAPSGEIPKFLQDPPNK
 KPKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003359

ORF Size:

1482 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_003359.2</u>
RefSeq Size:	3195 bp
RefSeq ORF:	1485 bp
Locus ID:	7358
UniProt ID:	<u>O60701</u>
Cytogenetics:	4p14
MW:	55 kDa