

Product datasheet for **RC219985A1V**

Human GPD2 (NM_000408) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GPD2
Synonyms:	GDH2; GPDM; mGDH; mGPDH
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC219985 representing NM_000408
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCATTTCAAAAGGCAGTGAAAGGGACGATTCTTGTGGAGGAGGTGCTCTTGCAACTGTTTTAGGAC
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 TCGATCAGAACAGTTAACAGATCGCTCTGAAATTAGCCTACTGCCTTCAGACATTGACAGGTATAAGAAG
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGCGATAAGGTTTAA

Protein Sequence:	>RC219985 protein sequence Red=Cloning site Green=Tags(s) MAFQKAVKGTILVGGGALATVLGLSQFAHYRRKQMNLAYVKAADCISEPVNREPPSREAQLTLQNTSEF DILVIGGGATGSGCALDAVTRGLKTALVERDDFSSGTSSRSTKLIHGGVRYLQKAIMKLDIEQYRMVKEA LHERANLLEIAPHLSAPLPIMLPVYKWWQLPYWVGIKLYDLVAGSNCLKSSYVLKSRALHFPMLQKD KLVGAIIVYDGGQNDARMNLALTAARYGAATANYMEVVSLLKKTDPQTGKVRVSGARCKDVL TGQEFD VRACCVINATGPF TDSVRKMDDKDAACQPSAGVHIVMPGYSPESMGLLDPATSDGRVIFFLPWQKMT IAGTTDPTDVTTHPIPSEEDINFILNEVRNYLSCDVEVRRGDVLAASGIRPLVTDPKSADTQSI SRNH VVDISESGLITIAGGKWT TYRSM AEDTINAAVKTHNLKAGPSRTVGLFLQGGKDWSP TLYIRLVQDYGLE SEVAQH LAATYGDKA FEVAKMASVTGKRWPIVGVRLVSEFPYIEAEVKYGIKEYACTAVDMISRRLAF LNVQA AEEALPRIVELMGRELNWDDYKKQELETARKFLYEMGYKSRSEQLTDRSEISLLPSDIDRYKK RFHKFDADQKGFITIVDVQRVLESINVQMDENTLHEILNEVDLNKNGQVELNEFLQLMSAIQKGRVSGSR LAILMKTAEENLDRRVPPIVDRSCGGL TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000408
ORF Size:	2181 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_000408.2</u>
RefSeq Size:	5820 bp
RefSeq ORF:	2184 bp
Locus ID:	2820
UniProt ID:	<u>P43304</u>
Cytogenetics:	2q24.1
MW:	81.3 kDa