

Product datasheet for **RC200246A1V**

Human UGP2 (NM_001001521) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	UGP2
Synonyms:	DEE83; EIEE83; pHC379; SVUGP2; UDPG; UDPGP; UDPGP2; UGP1; UGPP1; UGPP2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200246 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTGCACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTCTCAAGATGGTGCTTCTCAGTTCCAAGAAGTCATTGGCAAGAGCTAGAATTATCTGTGAAGAAGG
 AACTAGAAAAAATACTACCACAGCATCATCACATGAATTTGAGCACACCAAAAAAGACCTGGATGGATT
 TCGGAAGCTATTTTCATAGATTTTGAAGAAAAAGGGCCTTCTGTGGATTGGGGAAAAATCCAGAGACCC
 CCTGAAGATTGATTCAACCCATGAAAAAGATAAAGGCCAGGGGCTTGCCTGATAATATATCTTCCGTGT
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 TCTGATTGGTGTGAGGAATGAGAAATACCTTTCTGGATCTGACTGTTCAAGCAAAATGAACATTTGAATAAA
 ACCTACAATACAGATGTTCTCTTGTTTTAACTGAATCTTTTAAACAGGATGAAGATACCAAAAAATAC
 TACAGAAGTACAATCATTGTCGTGTGAAAATCTACACTTTCAATCAAAGCAGGTACCCGAGGATTAATAA
 AGAATCTTTACTTCTGTAGCAAAGGACGTGTCTTACTCAGGGGAAAAATACAGAAGCTTGGTACCCTCCA
 GGTCATGGTGATATTTACGCCAGTTTCTACAACCTCTGGATTGCTTGATACCTTTATAGGAGAAGGCAAAAG
 AGTATATTTTTGTGTCTAACATAGATAATCTGGTGCCACAGTGGATCTGTATATTCTTAATCATCTAAT
 GAACCCACCCAATGGAACCGCTGTGAATTTGTCATGGAAGTCACAAATAAACACGTGCAGATGTAAG
 GGCGGGACACTCACTCAATATGAAGGCAAACTGAGACTGGTGGAAATGCTCAAGTGCCAAAAGCACATG
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 AGTTAAAAGACTGCAGGAGCAAAATGCCATTGACATGGAATCATTGTGAATGCAAAGACTTTGGATGGA
 GGCCTGAATGTCATTCAATTAGAACTGCAGTAGGGGCTGCCATCAAAGTTTTGAGAATCTCTAGGTA
 TTAATGTGCCAAGGAGCGTTTTCTGCCTGTCAAACACATCAGATCTTGTCTGGTATGTCAAACCT
 CTATAGTCTTAATGCAGGATCTCTGACAATGAGTGAAAAGCGGGAATTTCTACAGTGCCCTTGGTTAA
 TTAGGCAGTTCTTTACGAAGGTTCAAGATTATCTAAGAAGATTTGAAAGTATACCAGATATGCTTGAAT
 TGGATCACCTCACAGTTTCAAGAGATGTGACATTTGAAAAAATGTTTCATTAAAGGGAACGGTTATCAT
 CATTGCAATCATGGTGACAGAATTGATATCCACCTGGAGCAGTATTAGAGAACAAGATTGTGTCTGGA
 AACCTTCGCATCTTGACCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200246 protein sequence
 Red=Cloning site Green=Tags(s)

MSQDGASQFQEVIRQELELSVKKELEKILTTASSHEFEHTKKDLDFRKLFRFLQEKGPSVDWGKIQRP
 PEDSIQPYEKIKARGLPDNISSVLNKLVVVKNLGGTSMGCKGPKSLIGVRNENTFLDLTVQQIEHLNK
 TYNTDVPLVLMNSFNTDEDTKKILQKYNHCRVKIYTFNQSRYPINKESLLPVAKDVSYSGENTEAWYPP
 GHGDIYASFYNSGLLDTFEGEKEYIFVSNIDNLGATVDLYILNHLMNPPNGKRCEFMVETNKTADV
 GGTLTQYEGKRLRLVEIAQVPKAHVDEFKSVSKFKIFNTNNLWISLAAVKRLQEQAIDMEIIVNAKTLDG
 GLNVIQLETAVGAAIKSFENSLGINVPRSRFLPVKTTSDLLVMSNLYSLNAGSLTMSEKREFPTVPLVK
 LGSSFQTKVQDYLRRFESIPDMLDLHDLTVSGDVTFGKNVSLKGTVIIIANHGDRIDIPPGAVLENKIVSG
 NLRILDH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001001521
ORF Size: 1491 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_001001521.1
RefSeq Size:	2129 bp
RefSeq ORF:	1494 bp
Locus ID:	7360
UniProt ID:	Q16851
Cytogenetics:	2p15
MW:	55.7 kDa