

## Product datasheet for **RC211146A1V**

### Human G6PC2 (NM\_021176) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human G6PC2 (NM_021176) AAV Particle
Tag:	Myc-DDK
Symbol:	G6PC2
Synonyms:	IGRP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC211146 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGGATTTCTTCACAGGAATGGAGTGCTCATAATTCAGCATTTCAGAAAGGACTACCGAGCTTACTACA  
CTTTTCTAAATTTTATGTCCAATGTTGGAGACCCAGGAATATCTTTTTCATTTATTTCCACTTTGTTT  
TCAATTTAATCAGACAGTTGGAACCAAGATGATATGGGTAGCAGTCATTGGGGATTGGTTAAATCTTATA  
TTTAAATGGATATTATTTGGTCATCGACCTTACTGGTGGTCCAAGAACTCAGATTTACCCAACTCACT  
CAAGTCCATGCCTTGAACAGTTCCCTACTACATGTGAAACAGGTCCAGGAAGTCCATCTGGCCATGCAAT  
GGGCGCATCCTGTGTCTGGTATGTCATGGTAACCGCTGCCTGAGCCACACTGTCTGTGGGATGGATAAG  
TTCTCTATCACTCTGCACAGACTGACCTGGTCAATTTCTTTGGAGTGTTTTTGGTTGATTCAAATCAGTG  
TCTGCATCTCCAGAGTATTCATAGCAACACATTTTCTCATCAAGTTATTCTTGGAGTAATTGGTGGCAT  
GCTGGTGGCAGAGGCCTTTGAACACACTCCAGGCATCCAAACGGCCAGTCTGGGCACATACCTGAAGACC  
AACCTCTTCTTCTTCTGTTTGCAGTTGGCTTTTACCTGCTTCTTAGGGTGTCAACATTGACCTGCTGT  
GGTCCGTGCCATAGCCAAAAGTGGTGTGCTAACCCGACTGGATCCACATTGACACCACGCCCTTTTGC  
TGGACTCGTGAGAAACCTTGGGGTCTCTTTGGCTTGGCTTTGCAATCAACTCAGAGATGTTCTCTCTG  
AGCTGCCGAGGGGAAATAACTACACACTGAGCTTCCGGTTGCTCTGTGCCTTGACCTCATTGACAATAC  
TGCAGCTTACCATTTCTCCAGATCCCGACTCAGGAAGAGCATTATTTTATGTGCTGTCTTTTGTAA  
AAGTGCATCCATTTCCCTAACTGTGGTTGCTTTCATTCCTACTCTGTTTCATATGTTAATGAAACAAAGC  
GAAAGAAGAGTCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	>RC211146 protein sequence Red=Cloning site Green=Tags(s)  MDFLHRNGVLI IQHLQKDYRAYYTF LNFMSNVGDPRN IFFIYFPLCFQFNQTVG TKMIWVAVIGDWLNLI FKWILFGHRPYWVWVQETQIYPNHSSPCLEQFP TTCETGPGSPSGHAMGASCVWYVMVTAAL SHTVCGMDK FSITLHRLTWSFLWSVFLIQISVCISR VFIATHFPHQVILGVIGGMLVAEAFEHTPGIQTASLGTYLKT NLFLFLFAVGFYLLLRVLNIDLLWSVPIAKKWCANPDW IHDITTPFAGLVRNLGVLFG LGFAINSEMFL SCRGGNNYTL SFRLLCAL TSLTILQLYHFLQIP THEEHLFYVLSFCK SASIPLTVVAFIPYSVHMLMKQS GKKSQ  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_021176
<b>ORF Size:</b>	1065 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_021176.2</a>
<b>RefSeq Size:</b>	3096 bp
<b>RefSeq ORF:</b>	1068 bp
<b>Locus ID:</b>	57818
<b>UniProt ID:</b>	<a href="#">Q9NQR9</a>
<b>Cytogenetics:</b>	2q31.1
<b>MW:</b>	40.6 kDa