

## Product datasheet for **RC215623A1V**

### Human glucose 6 phosphatase, catalytic subunit (G6PC) (NM\_000151) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human glucose 6 phosphatase, catalytic subunit (G6PC) (NM_000151) AAV Particle
Tag:	Myc-DDK
Symbol:	glucose 6 phosphatase, catalytic subunit
Synonyms:	G6Pase; G6PC; G6PT; GSD1; GSD1a
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC215623 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGAGGAAGGAATGAATGTTCTCCATGACTTTGGGATCCAGTCAACACATTACCTCCAGGTGAATTACC  
AAGACTCCCAGGACTGGTTCATCTTGGTGTCCGTGATCGCAGACCTCAGGAATGCCTTCTACGTCCTCTT  
CCCCATCTGGTCCATCTTCAGGAAGCTGTGGGCATTAACCTCCTTTGGGTAGCTGTGATTGGAGACTGG  
CTCAACCTCGTCTTTAAGTGGATTCTCTTTGGACAGCGTCCATACTGGTGGTTTTGGATACTGACTACT  
ACAGAACACTTCCGTGCCCTGATAAAGCAGTCCCTGTAACCTGTGAGACTGGACCAGGGAGCCCTC  
TGGCCATGCCATGGGCACAGCAGGTGTATACTACGTGATGGTCACATCTACTCTTCCATCTTTCAGGGA  
AAGATAAAGCCGACCTACAGATTTCCGTGCTTGAATGTCATTTTGGTGGGATTCTGGGCTGTGCAGC  
TGAATGTCTGTCTGCACGAATCTACCTTGCTGCTCATTTTCTCATCAAGTTGTTGCTGGAGTCCCTGTC  
AGGCATTGCTGTTGCAGAACTTTCAGCCACATCCACAGCATCTATAATGCCAGCCTCAAGAAATATTTT  
CTCATTACCTTCTTCTGTTTCAGCTTCGCCATCGGATTTTATCTGCTGCTCAAGGGACTGGGTGTAGACC  
TCCTGTGGACTCTGGAGAAAGCCAGAGGTGGTGGCAGCAGCCAGAATGGGTCCACATTGACACCACACC  
CTTTGCCAGCCTCCTCAAGAACCTGGGCAGCTCTTTGGCCTGGGGCTGGCTCTCAACTCCAGCATGTAC  
AGGGAGAGCTGCAAGGGGAACTCAGCAAGTGGCTCCCATTCCGCCTCAGCTCTATTGTAGCCTCCCTCG  
TCTCCTGCACGTCTTTGACTCCTTGAACCCCATCCCAAGTCGAGCTGGTCTTCTACGCTTTGTCCTT  
CTGCAAGAGTGGGTAGTGCCTTGGCATCCGTGATGTCATCCCTACTGCCTCGCCAGGTCCTGGGC  
CAGCCGACAAGAAGTCGTTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Protein Sequence:</b>	<p>&gt;RC215623 protein sequence  <span style="color: red;">Red</span>=Cloning site <span style="color: green;">Green</span>=Tags(s)</p> <p>MEEGMNVLHDFGIQSTHYLQVNYQDSQDWFILVSVIADLRNAAFYVLPFIWFHLQEAVGIKLLWVAVIGDW  LNLVFKWILFGQRPYWWVLDTDYYSNTSVPLIKQFPVTCETGPGSPSGHAMGTAGVYYVMVTSTLSIFQG  KIKPTYRFRCLNVILWLGFWAVQLNVCLSRITYLAAHFPHQVVAGVLSGIAVAETFSHIHSIYNASLKKYF  LITFFLFSFAIGFYLLKGLGVDLLWTLEKAQRWCEQPEWVHIDTTPFASLLKNLGTFLGGLALNSSMY  RESCKGKLSKWLPFRLSSIVASLVLLHVFDLKPSSQVELVFYVLSFCKSAVVPLASVSVIPYCLAQVLG  QPHKKS</p> <p><span style="color: red;">TR</span><span style="color: green;">TRPLEQKLI SEEDLAANDILDYKDDDDKV</span></p>
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_000151
<b>ORF Size:</b>	1071 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_000151.1</a>
<b>RefSeq Size:</b>	4169 bp
<b>RefSeq ORF:</b>	1074 bp
<b>Locus ID:</b>	2538
<b>UniProt ID:</b>	<a href="#">P35575</a>
<b>Cytogenetics:</b>	17q21.31
<b>MW:</b>	40.5 kDa