

Product datasheet for **RC200701A1V**

Human PGAM2 (NM_000290) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PGAM2 (NM_000290) AAV Particle
Tag:	Myc-DDK
Symbol:	PGAM2
Synonyms:	GSD10; PGAM-M; PGAMM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200701 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCACTCACCGCCTCGTGATGGTCCGGCACGGCGAGAGCACATGGAACCAGGAGAACCCTTTCTGTG
GCTGGTTCGATGCAGAGCTGAGTGAAAAGGGGACCGAGGAGGCCAAGCGGGAGCCAAGGCCATCAAGGA
TGCCAAGATGGAGTTTGACATCTGCTACACGTCACTGCTGAAGCGGGCCATCCGCACCCTCTGGGCCATC
CTGGACGGCACGGACCAGATGTGGCTGCCTGTGGTGCGCACTTGGCGCCTCAATGAGCGGCATTACGGGG
GCCTCACAGGCCTCAACAAGGCAGAAACGGCCGCAAGCACGGGGAGGAGCAGGTGAAGATCTGGAGGCG
CTCCTTCGACATCCCGCCGCCCGATGGACGAGAAGCACCCCTACTACAACCTCCATTAGCAAGGAGCGT
CGGTACGACGGCCTGAAGCCCGGGAACTCCCCACCTGCGAGAGCCTCAAGGACACCATTGCCCGGGCCC
TGCCCTTCTGGAACGAGGAGATTGTTCCCCAGATCAAGGCCGGCAAGCGAGTGCTCATTGCAGCCACGG
GAACAGCCTGCGGGGATTGTCAAGCACCTGGAAGGGATGTCAGACCAGGCGATCATGGAGCTGAACCTG
CCCACGGGGATCCCCATTGTGTATGAGCTGAACAAGGAGCTGAAGCCACCAAGCCCATGCAGTTCCTGG
GTGATGAGGAAACGGTGCGAAGGCCATGGAGGCTGTGGCTGCCAGGGCAAGGCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200701 protein sequence Red=Cloning site Green=Tags(s) MATHRLVMVRHGESTWNQENRFCGWFDAELSEKGTAAKRGAKAIKDAKMEFDICYTSVLKRAIRTLWAI LDGTDQMWLPVVRTWRLNERHYGGLTGLNKAETAAKHGEEQVKIWRRSFDIPPPPMDEKHPYYNSISKER RYAGLKPGEPTCESLKDTIARALPFWNIEIVPQIKAGKRVLIAAHGNSLRGIVKHLEGMDSQAIMELNL PTGIPIVYELNKKELKPTKPMQFLGDEETVRKAMEAVAAQGKAK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000290
ORF Size:	759 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_000290.2</u>
RefSeq Size:	888 bp
RefSeq ORF:	762 bp
Locus ID:	5224
UniProt ID:	<u>P15259</u>
Cytogenetics:	7p13
MW:	28.8 kDa