

Product datasheet for **RC205911A1V**

Human Glypican 3 (GPC3) (NM_004484) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glypican 3 (GPC3) (NM_004484) AAV Particle
Tag:	Myc-DDK
Symbol:	GPC3
Synonyms:	DGSX; GTR2-2; MXR7; OCI-5; SDYS; SGB; SGBS; SGBS1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205911 representing NM_004484
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGC

ATGGCCGGGACCGTGCACCGCGTGTGGTGGTGGCGATGCTGCTCAGCTTGGACTTCCCGGGACAGG
 CGCAGCCCCCGCGCGCGCGCGGACGCCACCTGTACCAAGTCCGCTCCTTCTCCAGAGACTGCAGCC
 CGGACTCAAGTGGGTGCCAGAACTCCCGTGCCAGGATCAGATTGCAAGTATGTCTCCCTAAGGGCCCA
 ACATGCTGCTCAAGAAAGATGGAAGAAAAATACCAACTAACAGCACGATTGAACATGGAACAGCTGCTTC
 AGTCTGCAAGTATGGAGCTCAAGTTCTTAATTATTGAGTGTGCGGTTTTCCAAGAGGCTTTGAAAT
 TGTTGTTGCCATGCCAAGAACTACCAATGCCATGTTCAAGAACAACACCAAGCCTGACTCCACAA
 GCTTTTGAGTTTGTGGTGAATTTTTCACAGATGTGTCTCTACATCTTGGTTCTGACATCAATGTAG
 ATGACATGGTCAATGAATTGTTGACAGCCTGTTCCAGTCATCTATACCCAGCTAATGAACCCAGGCCT
 GCCTGATTGAGCCTTGACATCAATGAGTGCCTCCGAGGAGCAAGACGTGACCTGAAAGTATTTGGGAAT
 TTCCCCAAGCTTATTATGACCCAGGTTTCCAAGTCACTGCAAGTCACTAGGATCTTCCTTCAGGCTCTGA
 ATCTTGGAATTGAAGTATCAACACAACCTGATCACCTGAAGTTCAAGTAAAGGACTGTGGCCGAATGCTCAC
 CAGAAATGGTACTGCTCTTACTGCCAGGACTGATGATGGTTAAACCTGTGGCGGTTACTGCAATGTG
 GTCATGCAAGGCTGTATGGCAGGTGTGGTGGAGATTGACAAGTACTGGAGAGAATACATTCTGTCCTTG
 AAGAACTTGTGAATGGCATGTACAGAATCTATGACATGGAGAAGTACTGCTTGGTCTCTTTTCAACAAT
 CCATGATTCTATCCAGTATGTCCAGAAGAATGCAGGAAAGCTGACCACCACTATTGGCAAGTTATGTGCC
 CATTCTCAACAACGCCAATATAGATTTGCTTATTATCTGAAGATCTCTTTATTGACAAGAAAGTATTAA
 AAGTTGCTCATGTAGAATGAAGAACTTATCCAGCCGAAGAAGGGAATAATTGAGAAGTTGAAGTC
 TTTTCATCAGCTTCTATAGTGCTTTGCTGGCTACATCTGCAGCCATAGCCCTGTGGCGGAAACGACACC
 CTTTGCTGGAATGGACAAGAAGTCTGAGAGAGATACAGCCAAAAGGCAGCAAGGAATGGAATGAAAAACC
 AGTTCAATCTCCATGAGCTGAAAATGAAGGGCCCTGAGCCAGTGGTCAAGTAAATTATTGACAACTGAA
 GCACATTAACAGCTCCTGAGAACCATGTCTATGCCCAAAGGTAGAGTTCTGGATAAAACCTGGATGAG
 GAAGGGTTTGAAGTGGAGACTGCGGTGATGATGAAGTGAAGTGCATTGGAGGCTCTGGTATGGAATGA
 TAAAGTGAAGAATCAGCTCCGCTTCTTGCAGAACTGGCCTATGATCTGGATGTGGATGATGCGCCTGG
 AAACAGTCAGCAGGCACTCCGAAGGACAACGAGATAAGCACCTTTCACAACCTCGGGAACGTTTATTCC
 CCGCTGAAGCTTCTACCAGCATGGCCATCTCGGTGGTGTGCTTCTTCTCTCTGGTGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAGTVRTACLVVAMLLSLDFPGQAQPPPPPDATCHQVRSFFQRLQPGLKWPETVPVGSDDLQVCLPKGP
 TCCSRKMEEKYQLTARLNMEQLLQSASMEKFLIIQNAAVFQEAFFIVVRHAKNYTNAMFKNNYPSLTPQ
 AFEFVGEFFTDVSLYILGSDINVDMDVNFDFSLFPVIYTLQMNPLPDSALDINECLRGARRDLKVFGN
 FPKLIMTQVSKSLQVTRIFLQALNLGIEVINTDHLKFSKDCGRMLTRMWYCSYQGLMMVKPCGGYCNV
 VMQGMAGVVEIDKYWREYILSLEELVNGMYRIYDMENVLLGLFSTIHDSIQYVQKNAGKLTTTIGKLCA
 HSQQRQYRFAYPEDLFIDKKVLKVAHVEHEETLSSRRRELIQKLKSFISFYALPGYICSHSPVAENDT
 LCWNGQELVERYSQKAARNGMKNQFNLHELKMGPEPVVSQIIDKLKHINQLLRMTSMMPKGRVLDKNLDE
 EGFESGDCGDEDECIGSGDGMKIKVKNQLRFLAELAYDLVDVDPGNSQQAATPKDNEISTFHNLGNVHS
 PLKLLTSMASVVCFFFLVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_004484
ORF Size:	1740 bp
Buffer:	PBS with 0.001% Pluronic F5784
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_004484.2</u>
RefSeq Size:	2382 bp
RefSeq ORF:	1743 bp
Locus ID:	2719
UniProt ID:	<u>P51654</u>
Cytogenetics:	Xq26.2
MW:	65.62 kDa