

Product datasheet for **RC228491A1V**

Human Glypican 3 (GPC3) (NM_001164617) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glypican 3 (GPC3) (NM_001164617) 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:

>RC228491 representing NM_001164617
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCCGGGACCGTGCACACCGGTGCTTGGTGGTGGCGATGCTGCTCAGCTTGGACTTCCCGGGACAGG
 CGCAGCCCCCGCGCGCGCGCCGACGCCACCTGTACCAAGTCCGCTCCTTCTCCAGAGACTGCAGCC
 CGGACTCAAGTGGGTGCCAGAACTCCCGTGCCAGGATCAGATTGCAAGTATGTCTCCCTAAGGCCCA
 ACATGCTGCTCAAGAAAGATGGAAGAAAAATACCAACTAACAGCACGATTGAACATGGAACAGCTGCTTC
 AGTCTGCAAGTATGGAGCTCAAGTTCTTAATTATTGAGTGTGCGGTTTTCCAAGAGGCCCTTTGAAAT
 TGTTGTTGCCATGCCAAGAACTACCAATGCCATGTTCAAGAACAACCTACCAAGCCTGACTCCACAA
 GCTTTTGAGTTTGGGTGAATTTTTCACAGATGTGTCTCTACATCTTGGGTTCTGACATCAATGTAG
 ATGACATGGTCAATGAATTGTTGACAGCCTGTTTCCAGTCATCTATACCCAGCTAATGAACCCAGGCCT
 GCCTGATTGAGCCTTGGACATCAATGAGTGCCTCCGAGGAGCAAGACGTGACCTGAAAGTATTTGGGAAT
 TTCCCCAAGCTTATTATGACCCAGGTTTCCAAGTCACTGCAAGTCACTAGGATCTTCTTCAGGCTCTGA
 ATCTTGAATTAAGTGTCAACACAACCTGATCACCTGAAGTTCAAGTAAAGGACTGTGGCCGAATGCTCAC
 CAGAAATGGTACTGCTCTTACTGCCAGGACTGATGATGGTTAAACCTGTGGCGGTTACTGCAATGTG
 GTCATGCAAGGCTGTATGGCAGGTGTGGTGGAGATTGACAAGTACTGGAGAGAATACATTCTGTCCTTG
 AAGAACTTGTGAATGGCATGTACAGAATCTATGACATGGAGAAGTACTGCTTGGTCTCTTTTCAACAAT
 CCATGATTCTATCCAGTATGTCCAGAAGATGCAGGAAAGCTGACCACCACTGAACTGAGAAGAAAATA
 TGGCACTTCAAATATCTATCTTCTCTGTGTATAGGGCTAGACTTACAGATTGGCAAGTTATGTGCCC
 ATTCTCAACAACGCCAATATAGATCTGCTTATTATCCTGAAGATCTCTTTATTGACAAGAAAGTATTA
 AGTTGCTCATGTAGAACATGAAGAAACCTTATCCAGCCGAAGAAGGGAACCTAATTCAGAAGTTGAAGTCT
 TTCATCAGCTTCTATAGTGCTTTGCTGCTACATCTGCAGCCATAGCCCTGTGGCGGAAACGACACCC
 TTTGCTGGAATGGACAAGAACTCGTGGAGAGATACAGCCAAAAGGCAGCAAGGAATGGAATGAAAAACCA
 GTTCAATCTCCATGAGCTGAAAATGAAGGGCCCTGAGCCAGTGGTCAGTCAAATTATTGACAACTGAAG
 CACATTAACAGCTCCTGAGAACCATGTCTATGCCAAAGGTAGAGTTCTGGATAAAAACCTGGATGAGG
 AAGGGTTTGAAGTGGAGACTGCGGTGATGATGAAGATGAGTGCATTGGAGGCTCTGGTGTGAATGAT
 AAAAGTGAAGAATCAGCTCCGCTTCTTGCAGAACTGGCCTATGATCTGGATGTGGATGATGCGCCTGGA
 AACAGTCAGCAGGCAACTCCGAAGGACAACGAGATAAGCACCTTTCACAACCTCGGGAACGTTTCATCCC
 CGCTGAAGCTTCTACCAGCATGGCCATCTCGGTGGTGTGCTTCTTCTCTGTTGCAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAGTVRTACLVVAMLLSLDFPGQAQPPPPPDATCHQVRSFFQRLQPGLKWPETPVPGSDLQVCLPKGP
 TCCSRKMEEKYQLTARLNMEQLLQSASMEKFLIIQNAAVFQEAFEIVVRHAKNYTNAMFKNNYPSLTPQ
 AFEFVGEFFTDVSLYILGSDINVDDMVNELFDSLFPVIYTLQMNPLPDSALDINECLRGARRDLKVFGN
 FPKLIMTQVSKSLQVTRIFLQALNLGIEVINTDHLKFSKDCGRMLTRMWYCSYCQGLMMVKPCGGYCNV
 VMQCMAGVVEIDKYWREYILSLEELVNGMYRIYDMENVLLGLFSTIHDSIQYVQKNAGKLTTTETEKKI
 WHFKYPIFFLCIGLDLQIGKLCAHSQQRQYRSAYYPEDLFIDKKVLKVAHVEHEETLSSRRRELQKLS
 FISFYALPGYICSHSPAENDTLCWNGQELVERYSQKAARNGMKNQFNLHELKMKGPEPVVSQIIDKLK
 HINQLLRTMSMPKGRVLDKNLDEEGFESGDCGDEDECIGSGDGMKIKVNQLRFLAELAYDLVDVDDAPG
 NSQATPKDNEISTFHNLGNVHSPKLKLTSMASIVVCFVFLVH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001164617
ORF Size:	1809 bp
Buffer:	PBS with 0.001% Pluronic F9430
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_001164617.1</u>
RefSeq ORF:	1812 bp
Locus ID:	2719
UniProt ID:	<u>P51654</u>
Cytogenetics:	Xq26.2
MW:	68.41 kDa