

Product datasheet for **RC207909A1V**

Human Glypican 5 (GPC5) (NM_004466) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glypican 5 (GPC5) (NM_004466) AAV Particle
Tag:	Myc-DDK
Symbol:	GPC5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC207909 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGACGCACAGACCTGGCCCGTGGGCTTTCGTCGCCTCCTCTCTGGCCCTGGTTGGGTCCGCCGCA
 GCGAGGGCGTGCAGACCTGCGAAGAAGTTCGAAACTTTTCCAGTGGCGGCTGCTGGGAGCTGTCAGGGG
 GCTGCCGATTGCGCGCGGCAGGACCTGATCTTCAGGTTTGCATATCCAAAAAGCCTACATGTTGCACC
 AGGAAGATGGAGGAGAGATATCAGATTGCGGCTCGCCAGGATATGCAGCAGTTTCTTCAAACGTCCAGCT
 CTACATTTAAAGTTTCTAATATCTCGAAATGCGGCTGCTTTTCAAGAAACCTTGAAGCTCTCATCAAACA
 AGCAGAAAATTACACAGTATACTTTTTGTCAGTACCTACAGGAACATGGCCTTGGAGGCTGCTGCTTCG
 GTTCAGGAGTTCTTCACTGATGTGGGCTGTATTTATTTGGTGGGATGTTAATCCTGAAGAATTTGTA
 ACAGATTTTTGACAGTCTTTTTCTCTGGTCTACAACCCTCATTAAACCTGGTGTGACTGACAGTTC
 CCTGGAATACTCAGAATGCATCCGGATGGCTCGCCGGGATGTGAGTCCATTTGGTAATATTCCCCAAAGA
 GTAATGGGACAGATGGGAGGTCCCTGCTGCCAGCCGCACTTTTCTGCAGGCCTCAATCTGGGCATTG
 AAGTCATCAACACCACAGACTATCTGCACTTCTCCAAAGAGTGCAGCAGAGCCCTCTGAAGATGAATA
 CTGCCCCGACTGCCAAGGCCTGGCGCTCACTAAGCCTTGATGGGATACTGCCTCAATGTCATGCAGGC
 TGCCTGGCGCACATGGCGGAGCTTAATCCACACTGGCATGCATATATCCGGTCTGTGAAGAAGCTCTCGG
 ATGCAATGCATGGAACATACGACATTGGACACGTGCTGCTGAACCTTCACTTGCTTGTTAATGATGCTGT
 GTTACAGGCTCACCTCAATGGACAAAAATTATTGGAACAGGTAATAGGATTTGTGGCCGCCCTGTAAGA
 ACACCCACACAAAGCCCCGTTGTTCTTTTGATCAGAGCAAAGAGAAGCATGGAATGAAGACCACCACAA
 GGAACAGTGAAGAGACGCTTGCCAACAGAAGAAAAGATTTATCAACAGCCTTCGACTGTACAGGTCATT
 CTATGGAGGTCTAGCTGATCAGCTTTGTGCTAATGAATTAGTCTGCTGCAGATGGACTTCCCTGCTGGAAT
 GGAGAAGATATAGTAAAAAGTTATACTAGCGTGTGGTTGGAATGGAATCAAAGCCAGTCTGGAATC
 CTGAAGTCAAAGTCAAAGGAATTGATCCTGTGATAAATCAGATTATTGATAAACTGAAGCATGTTGTTCA
 GTTGTACAGGGTAGATCACCAAACTGACAAGTGGGAACCTTCTCAGCTGGGAGTGGTGGAGGCATG
 GTTGAACAAGTCAAGTGGGACTGTGATGATGAAGTGGTTGCGGGGGATCAGGAAGTGGAGAAGTCAAGA
 GGACACTGAAGATCACAGACTGGATGCCAGATGATATGAACCTCAGTGTGTAAGCAATCCATCAAAC
 AGACACTGGCAGTACTTTAGACACAACAGGAGCAGGATGTGCAGTGGCGACTGAATCTATGACATTCCT
 CTGATAAGTGTGGTGTGTTACTTCCCGGATTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207909 protein sequence
 Red=Cloning site Green=Tags(s)

MDAQTWPVGFRCLLLLALVGSARSEGVQTCEEVRKLFQWRLLGAVRGLPDSPRAGPDLQVCISKKPTCCT
 RKMEERYQIAARQDMQFLQTSSSTLKFLISRNAAAFQETLETLIKQAENYTSILFCSTYRNMALEAAAS
 VQEFFTDVGLYLFADVNPEEFVNRFFDSLFLVYNHLINPGVTDSSLEYSECIRMARRDVSPFGNIPQR
 VMGQMGRSLLPSRTFLQALNLGIEVINTDYLHFSKECSRALLKMQYCPHCQGLALTKPCMGYCLNVMRG
 CLAHMAELNPHWHAYIRSLEELSDAMHGTIDYHVLNLFHLLVNDVLAHLNGQKLLEQVNRICGRPVR
 TPTQSPRCSFDQSKEKHGMKTTTRNSEETLANRRKEFINSLRLYRSFYGLADQLCANELAAADGLPCWN
 GEDIVKSYTQRVVNGIKAQSGNPEVKVGIDPVINQIIDKLKHVVQLLQGRSPKPKDWELLQLGSGGGM
 VEQVSGDCDEDDGCGSGSGEVKRTLKIDWMPDDMNFSVVKQIHQTDGTSLDTTGAGCAVATESMTFT
 LISVVMLLPGIW

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_004466
ORF Size:	1716 bp
Buffer:	PBS with 0.001% Pluronic F6155
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_004466.3</u>
RefSeq Size:	2966 bp
RefSeq ORF:	1719 bp
Locus ID:	2262
UniProt ID:	<u>P78333</u>
Cytogenetics:	13q31.3
MW:	63.7 kDa