

Product datasheet for **RC202022A1V**

Human Glypican 4 (GPC4) (NM_001448) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Glypican 4 (GPC4) (NM_001448) AAV Particle
Tag:	Myc-DDK
Symbol:	Glypican 4
Synonyms:	K-glypican; KPTS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202022 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGGATCGCC

ATGGCACGGTTTCGGCTTGCCCGCGCTTCTCTGCACCTGGCAGTGCTCAGCGCCGCGCTGCTGGCTGCCG
 AGCTCAAGTCGAAAAGTTGCTCGGAAGTGCAGCTCTTTACGTGTCAAAGGCTTCAACAAGAACGATGC
 CCCCCTCCACGAGATCAACGGTGATCATTGAAGATCTGTCCCAGGGTTCTACCTGCTGCTCTCAAGAG
 ATGGAGGAGAAGTACAGCCTGCAAGTAAAGATGATTTCAAAGTGTGGTCAGCGAACAGTGCAATCATT
 TGCAAGCTGTCTTTGCTTACGTTACAAGAAGTTGATGAATCTTCAAAGAACTACTTGAAAATGCAGA
 GAAATCCCTGAATGATATGTTTGTGAAGACATATGGCCATTTATACATGCAAAATCTGAGCTATTTAA
 GATCTCTTCGTAGAGTTGAAACGTTACTACGTGGTGGGAAATGTGAACCTGGAAGAAATGCTAAATGACT
 TCTGGGCTCGCCTCTGGAGCGGATGTTCCGCCTGGTGAACCTCCAGTACCACTTTACAGATGAGTATCT
 GGAATGTGTGAGCAAGTATACGGAGCAGCTGAAGCCCTTCGGAGATGTCCCTCGCAAATGAAGTCCAG
 GTTACTCGTGCTTTTGTAGCAGCCGTAATTCGCTCAAGGCTTAGCGGTTGCGGAGATGTCTGTGAGCA
 AGGTCTCCGTGGTAAACCCACAGCCAGTGTACCCATGCCCTGTTGAAGATGATCTACTGCTCCCACTG
 CCGGGGTCTCGTACTGTGAAGCCATGTTACAACACTGCTCAAACATCATGAGAGGCTGTTTGGCCAAC
 CAAGGGGATCTCGATTTTGAATGGAACAATTTATAGATGCTATGCTGATGGTGGCAGAGAGGCTAGAGG
 GTCCTTTCAACATTGAATCGGTGATGGATCCCATCGATGTGAAGATTTCTGATGCTATTATGAACATGCA
 GGATAATAGTGTTCAGTGTCTCAGAAGGTTTTCCAGGGATGTGGACCCCCAAGCCCTCCAGCTGGA
 CGAATTTCTCGTTCATCTCTGAAAGTGCCTTCAGTGTCTGCTTCAGACCACATACCCCCGAGGAACGCC
 CAACCACAGCAGCTGGCACTAGTTTGGACCGACTGGTACTGATGTCAAGGAGAACTGAAACAGGCCAA
 GAAATTCGTGGTCTCCCTTCGAGCAACGTTTGAACGATGAGAGGATGGCTGCAGGAAACGGCAATGAG
 GATGACTGTTGGAATGGGAAAGGCAAAAGCAGGTACCTGTTTGCAGTGACAGGAAATGGATTAGCCAACC
 AGGGCAACAACCCAGAGGTCCAGGTTGACACCAGCAAACCAGACATACTGATCCTTCGTCAAATCATGGC
 TCTTCGAGTGATGACCAGCAAGATGAAGAATGCATACAATGGGAACGACGTGGACTTCTTTGATATCAGT
 GATGAAAGTAGTGAGAAGGAAGTGAAGTGGCTGTGAGTATCAGCAGTGCCTTCAGAGTTTGACTACA
 ATGCCACTGACCATGCTGGGAAGAGTGCCAATGAGAAAGCCGACAGTGTGGTGTCCGCTCTGGGCACA
 GGCTACCTCCTCACTGTCTTCTGCATCTTGTCTGTTATGCAGAGAGAGTGGAGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202022 protein sequence
 Red=Cloning site Green=Tags(s)

MARFGLPALLCTLAVLSAALLAELKSKSCSEVRRLYVSKGFNKNDAPLHEINGDHLKICPQGSTCCSQE
 MEEKYSLQSKDDFKSVVSEQCNHLQAVFASRYKKFDEFFKELLENAEKSLNDMFVKTYGHLVMQNSLKF
 DLFVELKRYVYVGNVLEMLNDFWARLLERFRLVNSQYHFTDEYLECVSKYTEQLKPFQGDVPRKLKLQ
 VTRAFVAARTFAQGLAVAGDVVSKSVVNPTAQCTHALLKMIYCSHCRGLVTVPKPCYNYCSNIMRGLAN
 QGDLDFEWNFIIDAMLMAERLEGPFNIESVMDPIDVKISDAIMNMQDNSVQVSKVVFQCGPPKPLPAG
 RISRSISESAFSARFRPHHPEERPTTAAGTSLDRLVTDVKEKLQAKKFWSSLPNVCNDERMAAGNGNE
 DDCWNGKGKSYLFAVTGNLANQGNNPEVQVDTSKPDILILRQIMALRVMTSKMKNAYNQNDVDFDIS
 DESSGEGSGSGCEYQCPSEFDYNATDHAGKSANEKADSAGVRPGAQAYLLTVFCILFLVMQREWR

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001448

ORF Size:	1668 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_001448.2</u>
RefSeq Size:	3714 bp
RefSeq ORF:	1671 bp
Locus ID:	2239
UniProt ID:	<u>O75487</u>
Cytogenetics:	Xq26.2
MW:	62.4 kDa