

Product datasheet for **RC205986A1V**

Human Gephyrin (GPHN) (NM_020806) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Gephyrin (GPHN) (NM_020806) AAV Particle
Tag:	Myc-DDK
Symbol:	GPHN
Synonyms:	GEPH; GPH; GPHRYN; HKPX1; MOCODC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205986 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGACCGAGGGAATGATCCTTACTAACCACGACCATCAAATCCGTGTCGGAGTCCTTACAGTGAGTG
ATAGTTGCTTCAGGAATCTTGCAGAAGACCGCAGTGGGATAAATCTCAAAGATCTCGTACAAGATCCTTC
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CAATGTGAGGAAGAGGAAGAAGAGAAGAAAGACAGTGGTGTGCTTCAACAGAAGATAGTTCTCATCAC
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CAGATGACTTACTCAATGCCTTGAATGAGGGTATCAGTCGTGCTGATGTCATCATCACATCAGGGGGTGT
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AGGGTTTTTATGAAACCAGGCTTGCCAAACAACATTTGCAACTTTGGATATTGATGGTGTAAAGAAAATAA
TCTTTGCACTACCTGGGAATCCTGTATCGGCTGTGGTCACCTGCAATCTCTTTGTTGTGCTGCACTGAG
GAAAATGCAGGGCATCTTGGATCCTCGGCCAACCATCATCAAAGCAAGTTATCATGTGATGTAAACTT
GATCCTCGTCCAGAATACCATCGGTGTATACTAACTTGGCATCACCAAGAACCCTACCTTGGGCACAGA
GTACAGGTAATCAAATGAGCAGCCGTCTGATGAGCATGCGCAGTGCCAATGGATTGTTGATGCTACCTCC
AAAGACAGAACAGTACGTGGAGCTCCACAAAGCGAGGTGGTGGATGTCATGGTCATTGGACGGCTA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC205986 protein sequence Red=Cloning site Green=Tags(s) MATEGMILTNHDHQIRVGVLTVSDSCFRNLAEDRSGINLKDLVQDPSLLGGTISAYKIVPDEIEEIKETL IDWCDEKELNLIITGGTGFAPRDVTPEATKEVIEREAPGMALAMLSLNVTPGLMLSRPVCGIRGKTL IINLPGSKKGSQECFQFILPALPHAIDLRLDAIVKVKEVHDELEDLPSPPPPLSPPPTTSPHKQTEDKGV QCEEEEEKDSGVASTEDSSSSHITAAIAAKKHPFYTSPAVVMAHGEQPIPLINYSHHSTDERIPDS IISRGVQVLPRDTASLSTTPSESPRAQATSRLSTASCTPKVQSRCSSKENILRASHSAVDITKVARRHR MSPFPLTSMDFKAFITVLEMPVLGTEIINYRDGMGRVLAQDVYAKDNLPPFPASVKDGYAVRAADGPGDR FIIGESQAGEQPTQTVMPGQVMRVTTGAPIPCGADAVVQVEDTELIRESDDGTEELEVRILVQARPGQDI RPIGHDIKRGECVLAKGTHMGPSEIGLLATVGVEVEVNKFPVVAVMSTGNELLPEDDLLPGKIRDSNR STLLATIQEHGYPTINLGI VGDNPDDLNLALNEGISRADVIITSGGVSMGEKDYKQVLDIDLHAQIHFG RVFMKPLPTTFATLDIDGVRKIIFALPGNPVSAVVTCLFVVPALRKMVGILDPRTI IKARLSCDVKL DPRPEYHRCILTWHHQEPLPWAQSTGNQMSSRLMSMRANGLLMLPPKTEQYVELHKGEVVDVMVIGRL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_020806
ORF Size:	2307 bp
Buffer:	PBS with 0.001% Pluronic F5792
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_020806.4</u>
RefSeq Size:	4318 bp
RefSeq ORF:	2310 bp
Locus ID:	10243
UniProt ID:	<u>Q9NQX3</u>
Cytogenetics:	14q23.3-q24.1
MW:	83.4 kDa