

Product datasheet for **RC216827A1V**

Human Neuroglycan C (CSPG5) (NM_006574) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Neuroglycan C (CSPG5) (NM_006574) AAV Particle
Tag:	Myc-DDK
Symbol:	Neuroglycan C
Synonyms:	NGC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216827 representing NM_006574
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGCGAGCCGGGGCGGGGCGCCGGGCGCGGCCCGCCACTGCTGCTGTTTCTGGGGGCCGCGC
 TGGTCCTGGCCTCTGGGGCGCTGCCGGCGCGTGAGGCGGCGAGCGCGTTGAGGCCGAAGAGCTGGTGAA
 GGGCAGCCCGCGTGGGAGCGCCTGCCAACGACACGCGGAAGAAGCCGGGCCACCGAGCGCTGGGAA
 GATGAGCGCTCGTGACGGCGCCCGGTGGCGAGCTGGCGGGCCAGAAGAGGTGCTGCAGGAGTCGGCTG
 CGGTGACCGGCACCGCTGGCTGGAAGCTGACAGCCAGGCTGGGAGGAGTGACCGCAGAGGCGGGCAG
 CGGCGATGCCAGGCCCTTCCAGCTACGCTCCAGGCTCCCGACGAGGTCTCGGGCAGTCAATCATGCC
 CCTGCCATTCTGAGGTACAGAGGCCAGCGGCCACCCTCCCCACCCCGGCGACAAGCTGAGCCAG
 CTTCTGAACTCCCAAGGAGAGCCCTTGGAGGTTTGGCTGAACCTGGGGGCGAGCACACCCGACCTCA
 AGTGCCAGAGCTGACTTACCCATTTAGGGCACCTGGAGCCCAACCGCATCAGATATCATTGACATC
 GACTACTTCGAAGGACTGGATGGTGAGGTCGTGGCGCAGATCTGGGGAGCTTCCAGGGTCACCGAGAA
 CCTCAGAGAACCACCTGATACTGAGGGAGAGACCCCTTCTGGAGCCTGCTTGACTTATACGATGATTT
 CACCCCTTCGATGAATCTGATTTCTACCCACCATCTTTTATGATGACTTGGATGAAGAGGAGGAG
 GAAGAGGAGGATGACAAAGATGCAAGTAGGAGGTGGAGACCTAGAAGATGAAATGAGCTTCTAGTGCCCA
 CTGGGAAGCCTGGTCTGGGGCCCGGGACAGGCCAGCCACCGATCGGTGGCATGCTGTCCCTCCACAGCA
 CACTCTGGGTCGGTCCCCGGCAGCAGCATCGCCCTCAGGCCCCGCCAGGAGAGCCAGGCGAGGACTTG
 GCCTCCAGTGAAAATGGCACTGAGTGCCGCGAGTGGCTTGTGCGGCATAACGGCTCCTGCCGTCAGTGT
 GCGACCTCTTCCCAAGTTACTGTCACAATGGCGGCCAGTGCTACCTGGTGAGAACATAGGGGCTTCTG
 CAGGTGCAACACGCGAGGACTACATCTGGCACAAGGGGATGCGCTGCGAGTCCATCATCAGGACTTCCAG
 GTGATGTGCGTGGCGCTGGGCTCGGCTGCCCTCGTCTGCTCCTGCTCTTCATGATGACGGTGTTCTTTG
 CCAAGAAGCTCTACCTGCTCAAGACGGAGAATACCAAGCTGCGTAGGACCAACAAATCCGGACCCCATC
 TGAGCTCCACAATGATACTTCTCCCTCTCCACCATTGCCGAGGGCTCTACCCAAATGATGATCCTAGT
 GCTCCCCACAAATCCAGGAGGTTCTCAAGTCTGCCTGAAAGAGGAGGAGTCATTTAACATCCAGAACT
 CCATGTCGCCCAAACTTGGGGTGGCAAAGGTGACCAGGCTGACTTGGATGTGAAGTGTCTTCAATAA
 TTTAACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MGRAGGGPGRGPPPLLLFLGAALVLASGAVPAREAGSAVEAEELVKGSPAWEPPANDTREEAGPPAAGE
 DEASWTAPGGELAGPEEVLQESAAVTGTAWLEADSPGLGGVTAEGSGDAQALPATLQAPHEVLGQSIMP
 PAIPEATEASGPPSPTPGDKLSPASELPKESPLEVWNLGGSTPDPQVPELTYPFQGTLEPQPASDIIDI
 DYFEGLDGEGRADLGSFPGSPGTSENHPDTEGETPSWSLLDLYDDFTPFDESDFYPTTSFYDDLDEEEE
 EEEDDKDAVGGGDLEDENELLVPTGKPLGPGTGQPTSRWHAVPPQHTLGSVPGSSIALRPRPGEPGRDL
 ASSENGTECRSGFVRHNGSCRSVCDLFPSYCHNGGQCYLVENIGAFRCRNTQDYIWHKGMRCESIITDFQ
 VMCVAVGSAALVLLLLFMMTVFFAKKLYLLKTENTKLRRTNKFRTPSELHNDNFSLSSTIAEGSHPNDDPS
 APHKIQEVLSCLKEEESFNIQNSMSPKLEGGKGDQADLDVNCLQNNLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006574

ORF Size:	1617 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_006574.2, NP_006565.1</u>
RefSeq Size:	2005 bp
RefSeq ORF:	1620 bp
Locus ID:	10675
UniProt ID:	<u>O95196</u>
Cytogenetics:	3p21.31
MW:	57.02 kDa