

Product datasheet for **RC213106A1V**

Human SEPTIN4 (NM_004574) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SEPTIN4 (NM_004574) AAV Particle
Tag:	Myc-DDK
Symbol:	SEPTIN4
Synonyms:	ARTS; BRADEION; C17orf47; CE5B3; H5; hCDCREL-2; hucep-7; MART; PNUTL2; SEP4; SEPT4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213106 representing NM_004574
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACCGTTCACTGGGATGGCAAGGAATTCTGTCCCTGAGGACAGGACTGAAGCTGGGATCAAGCGTT
 TCCTGGAGGACACCGATGATGGAGAACTGAGCAAGTTCGTGAAGGATTTCTCAGGAAATGCGAGCTG
 CCACCCACAGAGGCTAAGACCTGGGCATCCAGGCCCAAGTCCCGGAGCCAAGGCCCAAGGCCCGGAC
 CTCTATGATGATGACCTGGAGTTCAGACCCCCCTCGCGCCCCAGTCTCTGACAACAGCAGTACTTCT
 GTGCCCCAGCCCCCTCTCAGCCCATCTGCCAGGCCCCGAGCCCATGGGGCAAGCTTGATCCCTATGATTC
 CTCTGAGGATGACAAGGAGTATGTGGGCTTTCGAACCCCTCCCAACCAAGTCCACCGAAAGTCCGTGAAG
 AAAGGCTTTGACTTTACCCTCATGGTGGCAGGAGTCTGGCCTGGGCAAATCCACACTTGTCAATAGCC
 TCTTCTCACTGATCTGTACCGGACCGGAAATCTTGGTGTGAAGAGAGGATCATGCAAACTGTGGA
 GATCACTAAGCATGCAGTGGACATAGAAGAGAAGGGTGTGAGGCTGCGGCTCACCATTGTGGACACCA
 GGTTTTGGGGATGCAGTCAACAACACAGAGTGTGGAAGCCTGTGGCAGAATACATTGATCAGCAGTTTG
 AGCAGTATTTCCGAGACGAGAGTGGCCTGAACCGAAAGAACATCCAAGACAACAGGGTGCAGTGTGCCT
 GTACTTCATCTCACCTTCGGCCATGGGCTCCGGCCATTGGATGTTGAATTATGAAGGCCCTGCATCAG
 CGGGTCAACATCGTGCCTATCTGGCTAAGGCAGACACACTGACACCTCCCGAAGTGGACCACAAGAAAC
 GCAAAATCCGGGAGGAGATTGAGCATTTTGAATCAAGATCTATCAATCCCAGACTGTGACTCTGATGA
 GGATGAGGACTTCAAATTGCAGGACCAAGCCCTAAAGGAAAGCATCCCATTTCAGTAATTGGCAGCAAC
 ACTGTAGTAGAGGCCAGAGGGCGGCGAGTTCGGGGTGCAGTCTACCCCTGGGGCATCGTGAAGTGGAAA
 ACCCAGGGCACTGCGACTTTGTGAAGCTGAGGACAATGCTGGTACGTACCCACATGCAGGACCTGAAGGA
 TGTGACGCGGGAGACACATTATGAGAACTACCGGGCACAGTGCATCCAGAGCATGACCCGCTGGTGGTG
 AAGGAACGGAATCGCAACAACTGACTCGGGAAGTGGTACCGACTTCCCATCCCTGCTGTCCACACAG
 GGACAGATCCAGAACTGAGAAGCTTATCCGAGAGAAAGATGAGGAGCTGCGGCGGATGCAGGAGATGCT
 ACACAAAATACAAAACAGATGAAGGAGAACTAT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MDRSLGWQNSVPEDRTEAGIKRFLEDTTDDGELSKFVKDFSGNASCHPPEAKTWASRPQVPEPRPQAPD
 LYDDLEFRPPSRPQSSDNQQYFCAPAPLSPSARPRSPWGKLDPYDSSEDDKEYVGFATLPNQVHRKSVK
 KGFDFTLMVAGESGLGKSTLVNSLFLTDLYRDRKLLGAEERIMQTVEITKHAVDIEEKGVRRLTIVDTP
 GFGDAVNNTWCWKPVAEYIDQQFEQYFRDESGLNRKNIQDNRVHCCLYFISPFHGLRPLDVEFMKALHQ
 RVNIVPILAKADTLTPPEVDHKKRKIREEIEHFGIKIYQFPDCSDEDEDFKLQDQALKESIPFAVIGSN
 TVVEARGRRVRGRLYPWGIVEVENPGHCDVFLKRLTMLVRTHMQDLKDVTRETHYENYRAQCIQSMTRLV
 KERNRNKLTRESGTFDPIPAVPPGTDPETEKLIREKDEELRRMQEMLHKIQKQMKENY*

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004574

ORF Size:

1434 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_004574.2</u>
RefSeq Size:	1767 bp
RefSeq ORF:	1437 bp
Locus ID:	5414
UniProt ID:	<u>O43236</u>
Cytogenetics:	17q22
MW:	54.9 kDa