

Product datasheet for **RC204867A1V**

Human Septin 2 (SEPT2) (NM_004404) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Septin 2 (SEPT2) (NM_004404) AAV Particle
Tag:	Myc-DDK
Symbol:	Septin 2
Synonyms:	DIFF6; hNedd5; NEDD-5; NEDD5; Pnutl3; SEPT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC204867 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCTAAGCAACAGCCAACCTCAGTTTATAAATCCAGAAACACCTGGCTATGTTGGATTGCAAACCTCC
CCAATCAAGTTCACCGAAAAATCAGTGAAAAAGGTTTTGAGTTCACACTGATGGTGGTCGGTGAATCAGG
TCTAGGAAAAATCGACTCTCATAAACAGCCTATTCCTAACTGATCTGTACCCAGAAAGAGTCATATCTGGA
GCAGCAGAAAAAATTGAAAGAACTGTCCAGATTGAGGCTTCACTGTTGAAATTGAAGAGCGAGGGGTCA
AGCTACGCCTGACAGTGGTAGATACCCCTGGCTATGGTGACGCTATCACTGCAGAGATTGTTTTAAGAC
AATTATCTCCTATATTGATGAGCAATTTGAGAGGTACCTGCATGACGAGAGCGGCTTGAACAGGCGGCAC
ATCATTGATAATAGGTGCATTGTTGCTTTTACTTTTATTTACCTTTTGGACATGGACTTAAGCCCTTAG
ATGTGGCGTTTATGAAGGCAATACACAACAAGGTGAATATTGTGCCTGTCATTGCAAAAGCTGACACTCT
CACCTGAAGGAACGGGAGCGGCTGAAGAAAAGGATTCTGGATGAAATTGAAGAACATAACATCAAAATC
TATCACTTACCTGATGCAGAATCAGATGAAGATGAAGATTTTAAAGAGCAGACTAGACTTCTCAAGGCTA
GCATCCCATTCTCTGTGGTTGGATCCAATCAGTTGATTGAAGCCAAAGGAAAGAGGTGAGAGGCCGCT
CTACCCCTGGGGTGTGTGGAAGTGGAGAACCAGAGCACAATGACTTTCTGAAGCTGAGAACCATGCTC
ATCACCCACATGCAGGATCTCCAGGAGGTGACCCAGGACCTTCATTATGAAAACCTCCGTTCTGAGAGAC
TCAAGAGAGGCGCAGGAAAGTGGAGAAATGAGGACATGAATAAAGACCAGATCTTGCTGGAAAAAGAAC
TGAGCTCCGCCCATGCAAGAGATGATTGCAAGGATGCAGGCGCAGATGCAGATGCAGATGCAGGCGGG
GATGGCGATGGCGGGGCTCTCGGGCACCATCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC204867 protein sequence Red=Cloning site Green=Tags(s) MSKQQPTQFINPETPGYVGFANLPNQVHRKSVKKGFEFTLMVVGESGLGKSTLINSLFLTDLYPERVISG AAEKIERTVQIEASTVEIEERGVLRLTVVDTPGYGDAINCRDCFKTIIISYIDEQFERYLHDESGLNRRH IIDNRVHCCFYFISPFHGLKPLDVAFMKAIHNKVNIVPVIAKADTLTKERERLKKRILDEIEEHNIKI YHLPDAESDEDEDFKEQTRLLKASIPFSVVGSNQLIEAKGKKVRGRLYPWGVVEVENPEHNDFLKLRTML ITHMQDLQEVTDLHYENFRSERLKRGRKVENEDMNKDQILLEKEAELRRMQEMIARMQAQMOMQMG DGDGGALGHHV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004404
ORF Size:	1083 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:	NM_004404.3
RefSeq Size:	3323 bp
RefSeq ORF:	1086 bp
Locus ID:	4735
UniProt ID:	Q15019
Cytogenetics:	2q37.3
MW:	41.5 kDa