

Product datasheet for **RC205163A1V**

Human SEPTIN7 (NM_001788) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SEPTIN7 (NM_001788) AAV Particle
Tag:	Myc-DDK
Symbol:	SEPTIN7
Synonyms:	CDC3; CDC10; NBLA02942; SEPT7; SEPT7A
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC205163 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCTCAACAGAAGAACCTTGAAGGCTATGTGGGATTGCGCAATCTCCCAAATCAAGTATACAGAAAAAT
CGGTGAAGAGAGGTTTTGAATTCACGCTTATGGTAGTGGGTGAATCTGGATTGGGAAAGTCGACATTAAT
CAATCATTATTCCTCACAGATTTGTATTCTCCAGAGTATCCAGGTCCTTCTCATAGAATTAAGAACT
GTACAGGTGGAACAATCCAAAGTTTTAATCAAAGAAGGTGGTGTTCAGTTGCTGCTCACAATAGTTGATA
CCCCAGGATTTGGAGATGCAGTGGATAATAGTAATTGCTGGCAGCCTGTTATCGACTACATTGATAGTAA
ATTTGAGGACTACCTAAATGCAGAATCACGAGTGAACAGACGTCAGATGCCTGATAACAGGGTGCAGTGT
TGTTTATACTTCATTGCTCCTTCAGGACATGGACTTAAACCATTGGATATTGAGTTTATGAAGCGTTTGC
ATGAAAAAGTGAATATCATCCCACTTATTGCCAAAGCAGACACACTCACACCAGAGGAATGCCAACAGTT
TAAAAACAGATAATGAAAGAAATCCAAGAACAATAAATTAATAATACGAATTTCCAGAAACAGATGAT
GAAGAAGAAAATAAAGTTGTTAAAAAGATAAAGGACCGTTTACCTCTTGCTGTGGTAGGTAGTAATACTA
TCATTGAAGTTAATGGCAAAAGGGTCAGAGGAAGGCAGTATCCTTGGGGTGTGCTGAAGTTGAAAATGG
TGAACATTGTGATTTTACAATCCTAAGAAATATGTTGATAAGAACACACATGCAGGACTTGAAAGATGTT
ACTAATAATGTCCACTATGAGAACTACAGAAGCAGAAAACCTTGACGCTGTGACTTATAATGGAGTTGATA
ACAACAAGAAATAAAGGGCAGCTGACTAAGAGCCCTCTGGCACAATGGAAGAAGAAAGAGGGAGCATGT
AGCTAAAAATGAAGAAGATGGAGATGGAGATGGAGCAGGTGTTTGAGATGAAGGTCAAAGAAAAAGTTCAA
AACTGAAGGACTCTGAAGCTGAGCTCCAGCGGCCCATGAGCAAATGAAAAAGAATTTGGAAGCACAGC
ACAAAGAATTGGAGGAAAAACGTCGTCAGTTCGAGGATGAGAAAGCAAAGTGGGAAGCTCAACAACGAT
TTTAGAACACAGAACTCTCAAGAACCTTGAAAAAGAACAAGAAGAAAGGAAGATCTTT

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC205163 protein sequence Red=Cloning site Green=Tags(s) MAQQKNLEGYVGFANLPNQVYRKSVKRGFEFTLMVVGESGLGKSTLINSFLTDLYSPEYPGPSHRIKKT VQVEQSKVLIKEGGVQLLLTIVDTPGFGDAVDNSNCWQPVIDYIDSKFEDYLNAESRVNRRQMPDNRVQC CLYFIAPSGHGLKPLDIEFMKRLHEKVNIPLIAKADTLTPEECQQFKKQIMKEIQEHKIKIYEFPETDD EEENKLVKKIKDRLPLAVVGSNTIEVNGKRVGRQYPWGVAEVENGEHCDFITLRNMLIRTHMQDLKDV TNNVHYENYRSRKLAAVTYNGVDNNKNGQLTKSPLAQMEERREHVAKMKMEMEQVFEMKVKEKVQ KLKDSEAEQLRRHEQMKNLEAQHKELEEKRRQFEDEKANWEAQQRILEQQNSSRTLEKNKKKGKIF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001788
ORF Size:	1251 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_001788.4, NP_001779.2</u>
RefSeq Size:	4380 bp
RefSeq ORF:	1314 bp
Locus ID:	989
UniProt ID:	<u>Q16181</u>
Cytogenetics:	7p14.2
MW:	48.7 kDa