

Product datasheet for **RC202381A1V**

Human SEPTIN10 (NM_144710) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SEPTIN10 (NM_144710) AAV Particle
Tag:	Myc-DDK
Symbol:	SEPTIN10
Synonyms:	SEPT10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC202381 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTCCTCCGAGGTGGCGCGGCACCTGCTCTTTAGTCTCACATGGCAACGAAAACAACCTTGATGT
 CTTACAAGGATCAGATGATGAACAGATAAAAAGAGAAAACATTCGTTCTTGACTATGTCTGGCCATGT
 TGGTTTTGAGAGTTTGCCTGATCAGCTGGTGAACAGATCCATTAGCAAGGTTTCTGCTTAATATTCTC
 TGTGTGGGGGAACTGGAATTGGAAAATCAACACTGATTGACACATTGTTAATACTAATTTGAAGACT
 ATGAATCCTCACATTTTGGCCAAATGTAACTTAAAGCTCAGACATATGAAGTCCAGGAAAGTAAATGT
 TCAATTGAAATTGACATTGTGAATACAGTGGGATTTGGTGACCAATAAATAAGAAGAGAGCTACCAA
 CCAATAGTTGACTACATAGATGCTCAGTTTGGGCCTATCTCCAAGAAGAACTGAAGATTAAGCGTTCTC
 TCTTTACCTACCATGATTCTCGCATCCATGTGTGTCTCTACTTCATTTACCGACAGGCCACTCTCTGAA
 GACACTTGATCTCTTAACCATGAAGAACCTTGACAGCAAGGTAAACATTATACAGTGAATTGGTCAGCAATGGCG
 GATACGGTTTCTAAAACCTGAATTACAGAAGTTTAAAGATCAAGCTCATGAGTGAATTGGTCAGCAATGGCG
 TCCAGATATACCAAGTTCCCAACGGATGATGACACTATTGCTAAGGTCAACGCTGCAATGAATGGACAGTT
 GCCGTTTGCTGTTGTGGGAAGTATGGATGAGGTAAAAGTCGGAACAAGATGGTCAAAGCTCGCCAGTAC
 CCTTGGGGTGTGTACAAGTGGAAAATGAAAACCACTGTGACTTTGTAAAGCTGCGGGAAATGCTCATTT
 GTACAAATATGGAGGACCTGCGAGAGCAGACCCATACCAGGCACTATGAGCTTTACAGGCGCTGCAAACT
 GGAGGAAATGGGCTTTACAGATGTGGGCCCAGAAAACAAGCCAGTCAGTGTTCAAGAGACCTATGAAGCC
 AAAAGACATGAGTTCCATGGTGAACGTGAGAGGAAGGAAGAAGAAATGAAACAGATGTTTGTGCAGCGAG
 TAAAGGAGAAAGAAGCCATATTGAAAGAAGCTGAGAGAGAGCTACAGGCCAAATTTGAGCACCTTAAGAG
 ACTTCACCAAGAAGAGAGAATGAAGCTTGAAGAAAAGAGAAGACTTTTGGAAAGAAGAAATAATTGCTTTC
 TCTAAAAAGAAAGCTACCTCCGAGATATTTACAGCCAGTCCTTTCTGGCAACAGGCAGCAACCTGAGGA
 AGGACAAGGACCGTAAGAAGTCCAATTTTTTG

ACGCGTACGCGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202381 protein sequence
 Red=Cloning site Green=Tags(s)

MASSEVARHLLFQSHMATKTTCMSSQGSDDQIKRENIRSLTMSGHVGFESLPDQLVNRSIQQGFQCFNIL
 CVGETGIGKSTLIDTLFNTNFEDYESSHFCPNVKLKAQTYELQESNVQLKLITVNTVGFQDQINKEESYQ
 PIVDYIDAQFEAYLQEELKIKRSLFTYHDSRIHVCLYFISPTGHSLKTLDLLTMKNLDSKVNIIPVIAKA
 DTVSKTELQKFKIKLMSSELVSNVQIYQFPTDDDTIAKVNAAMNGQLPFAVVGSMDEVKVGKMKVKARQY
 PWGVVQVENENHCDLVKLREMLICTNMEDLREQTHTRHYEL YRRCKLEEMGFTDVGPENKPVSVQETYE
 KRHEFHGERQRKEEEMKQMFVQRVKEKEAILKEAERELQAKFEHLKRLHQEERMKLEEKRRLLLEEIIAF
 SKKKATSEIFHSQSFLATGSNLRKDKDRKNSNFL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_144710

ORF Size:

1362 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_144710.2</u>
RefSeq Size:	3256 bp
RefSeq ORF:	1365 bp
Locus ID:	151011
UniProt ID:	<u>Q9P0V9</u>
Cytogenetics:	2q13
MW:	52.6 kDa