

## Product datasheet for **RC218686A1V**

### Human SEPTIN6 (NM\_145800) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human SEPTIN6 (NM\_145800) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** SEPTIN6  
**Synonyms:** SEP2; SEPT2; SEPT6  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC218686 representing NM\_145800  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGCAGCGACCGATATAGCTCGCCAGGTGGGTGAAGGTTGCCGAAGTGTCCCCCTGGCTGGACATGTGG  
GGTTTGACAGCTTGCCTGACCAGCTGGTGAATAAGTCCGTGAGCCAGGGCTTCTGCTCAACATCCTGTG  
CGTGGGAGAGACAGGTTTGGGCAAGTCCACCCTCATGGACACCCTGTTCAACACCAAATTCGAAGGGGAG  
CCAGCCACCCACACACAGCCGGGTGTCCAGCTCCAGTCTAATACCTATGACCTCCAAGAGAGCAACGTGA  
GGCTAAAGCTCACGATCGTTAGCACAGTTGGCTTTGGGGACCAGATCAACAAAGAGGACAGCTACAAGCC  
TATCGTGGAAATTCATCGATGCACAATTCGAGGCCCTACCTGCAGGAAGAGCTAAAGATCCGAAGAGTGCTA  
CACACCTACCATGACTCCCGAATCCATGTCTGCTTGTATTTCATTGCCCCACGGGTCAATCCCTGAAGT  
CTCTGGACCTAGTGACTATGAAGAAGCTGGACAGTAAGGTGAACATCATCCCCATCATTGCCAAAGCAGA  
TGCCATTTTGAAGAGTGAGCTAACAAAGTTCAAAATCAAAATCACCCAGCGAGCTTGTCAGCAACGGAGTC  
CAGATCTATCAGTTTCTACAGATGATGAGTCGGTGGCAGAGATCAATGGAACCATGAACGCCACCTGC  
CGTTTGCTGTCTTGGCAGCACAGAAGAACTGAAGATAGGCAACAAGATGATGAGGGCGCGGCAGTATCC  
TTGGGGCACTGTGCAGGTTGAAAACGAGGCCCACTGCGACTTTGTGAAGCTGCGGGAGATGCTGATTCGG  
GTCAACATGGAGGATCTGCGGGAGCAGCCACACCCGGCACTATGAGCTGTATCGCCGCTGTAAGCTGG  
AGGAGATGGGCTTCAAGGACACCGACCCGTGACAGCAAAACCTTCAGTTTACAGGAGACATATGAGGCCAA  
AAGGAACGAGTTCCTAGGGGAATCCAGAAAAAAGAAGAGGAGATGAGACAGATGTTCTGTCAGCGAGTC  
AAAGAGAAAGAAGCGGAGCTCAAAGAGGAGAGAGAAAGAGCTGCACGAGAAGTTTGACCGTCTGAAGAAAC  
TGCACAGGACGAGAAGAAGAACTGGAGGATAAGAAGAAATCCCTGGATGATGAAGTGAATGCTTTCAA  
GCAAGAAAGACGGCGCTGAGCTGCTCCAGTCCCAGGGCTCCCAGGCTGGAGGCTCACAGACTCTGAAG  
AGAGACAAAGAGAAGAAAAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC218686 representing NM_145800</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAATDIARQVGEGCRTVPLAGHVGFDSLDPQLVNKSVSQGFCFNILCVGETGLGKSTLMDTLFNTKFEGE<br/> PATHTPQGVQLQSNLYDLQESNVRLKLTIVSTVGFGDQINKEDSYKPIVEFIDAQFEAYLQEELKIRRL<br/> HTYHDSRIHVCLYFIAPTGHSLSLDLVTMKKLDKVNIIPIIAKADAISKSELTkFKIKITSELVSNV<br/> QIYQFPTDDESVAEINGTMNAHLPPFAVIGSTEELKIGNKMMRARQYPWGTQVQVNEAHCDFVKLREMLIR<br/> VNMEDLREQTHRHYELYRRCKLEEMGFKDTPDSKPFSLQETYEAKRNEFLGELQKKEEEMRQMFVQRV<br/> KEKEAELKEAEKELHEKFDRLKKLHQDEKKKLEDDKSLDDEVNAFKQRKTAELLQSQGSQAGGSQTLK<br/> RDKEKKK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ACCN:             | NM_145800                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ORF Size:         | 1281 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:           | <a href="#">NM_145800.2</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:      | 2620 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RefSeq ORF:       | 1284 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Locus ID:         | 23157                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| UniProt ID:       | <a href="#">Q14141</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Cytogenetics:     | Xq24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MW:               | 48.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |