

Product datasheet for **RC210505A1V**

Human **UNC93B (UNC93B1) (NM_030930) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human UNC93B (UNC93B1) (NM_030930) AAV Particle
Tag:	Myc-DDK
Symbol:	UNC93B1
Synonyms:	IIAE1; Unc-93B1; UNC93; UNC93B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210505 representing NM_030930
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGGCGGAGCCGCCCTCTACCCGATGGCGGGGGCTGCGGGGCCGAGGGCGACGAGACCTGCTCG
 GGGTCCCGGACGGGCCGAGGCCCGCTGGACGAGCTGGTGGCGCGTACCCCAACTACAACGAGGAGGA
 GGAGGAGCGCCCTACTACGCCGCAAGCGCCTGGGCGTGCTCAAGAACGTGCTGGCTGCCAGCGCCGGG
 GGCATGCTCACCTACGGCGTCTACCTGGGCCTCCTGCAGATGCAGCTGATCCTGCACTACGACGAGACCT
 ACCGCGAGGTGAAGTATGGCAACATGGGCTGCCCCGACATCGACAGCAAAATGCTGATGGGCATCAACGT
 GACTCCCATCGCCGCCCTGCTCTACACACCTGTGCTCATCAGGTTTTTTTGAACGAAGTGGATGATGTTT
 CTCGCTGTGGGCATCTACGCCCTCTTTGTCTCCACCACTACTGGGAGCGCTACTACACGCTTGTCCT
 CGGCTGTGGCCCTGGGCATGGCCATCGTCCTCTTTGGGCTTCATGGGCAACTACATCACCAGGATGGC
 GCAGAAGTACCATGAGTACTCCCACTACAAGGAGCAGGATGGGAGGGGATGAAGCAGCGCCCTCCGCGG
 GGCTCCACGCGCCCTATCTCTGGTCTTCCAAGCCATCTTCTACAGCTTCTTCCATCTGAGCTTCGCT
 GCGCCAGCTGCCATGATTTATTTCTGAACCACTACCTGTATGACCTGAACCAACAGCTGTACAATGT
 GCAGAGCTGCGGCACCAACAGCCACGGGATCCTCAGCGGCTTCAACAAGACGGTCTGCGGACGCTCCCG
 CGGAGCGGAAACCTCATTGTGGTGGAGAGCGTGCTCATGGCAGTGGCCTTCTGGCCATGCTGCTGGTGC
 TGGGTTTGTGCGGAGCCGCTTACCGGCCACGGAGGAGATCGATCTGCGCAGCGTGGGCTGGGGCAACAT
 CTTCCAGCTGCCCTTCAAGCAGTGCGTGACTACCGCTGCGCCACCTCGTGCTTTCTTTATCTACAGC
 GGCTTCGAGGTGCTCTTTGCCTGCACTGGTATCGCCTTGGGCTATGGCGTGCTCGGTGGGCTGGAGC
 GGCTGGCTTACCTCCTCGTGGCTTACAGCCTGGGCGCCTCAGCCGCTCACTCCTGGGCTGCTGGGCT
 GTGGCTGCCACGCCCGGTGCCCTGGTGGCGGAGCAGGGGTGCACCTGCTGCTACCTTCATCCTCTTT
 TTCTGGGCCCCTGTGCTCGGGTCTGCAACACAGCTGGATCCTCTATGTGGCAGCTGCCCTTTGGGGTG
 TGGGAGTGCCCTGAACAAGACTGGACTCAGCACACTCCTGGGAATCTTGTACGAAGACAAGGAGAGACA
 GGACTTCATCTTACCATCTACCACTGGTGGCAGGCTGTGGCCATCTTACCCTGTACCTGGGCTCGAGC
 CTGCACATGAAGGCTAAGCTGGCGGTGCTGCTGGTGACGCTGGTGGCGGCCGCGGTCTCCTACCTGCGGA
 TGGAGCAGAAGCTGCGCCGGGGCTGGCCCCGCGCCAGCCCCGCATCCCGCGCCCCAGCACAAGGTGCG
 CGGTTACCGCTACTTGGAGGAGGACAACTCGGACGAGAGCGACGCGGAGGGCGAGCATGGGGACGGCGCG
 GAGGAGGAGGCGCCCGCGCAGGGCCCAGGCCTGGCCCCGAGCCCGCTGGACTCGGCCGCGGCCCTGCC
 CGTACGAACAGGCGCAGGGGGGAGACGGGCCGAGGAGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEAEPPLYPMAGAAGPQGEDLLGVDPGPEAPLDELVGAYPNYNEEEERRYYRRKRLGVLKNVLAASAG
 GMLTYGVYLGLLQMQILHYDETYREVKYGNMGLPDIDSKMLMGINVTPIAALLYTPVLRFFFGTKWMMF
 LAVGIYALFVSTNYWERYTLVPSAVALGMAIVPLWASMGNYITRMAQKYHEYSHYKEQDQGGMKQRP
 GSHAPYLLVFQAIFFSFFHLFACQLPMIYFLNHYLYDLNHTLYNVQSCGTNSHGILSGFNKTVLRTL
 RSGNLIVVESVLMMAVFLAMLLVLGLCGAAYRPTEIDLRSVWGNIQFQPKHVRDYRLRHLVPFFIYS
 GFEVLFACTGIALGYVCSVGLERLAYLLVAYSLGASAASLLGLLGLWLPVPLVAGAGVHLLTFILF
 FWAPVPRVLQHSWILYVAAALWGVGSALNKTGLSTLLGILYEDKERQDFIFTIYHWWQAVAIFTVYLGS
 LHMKAFLAVLLVTLVAAAVSYLRMEQLRRGVAPRQPRIPRQHKVGRYRYLEEDNSDESDAEGEHGDGA
 EEEAPPAGPRPGPEPAGLRPRPCPYEQAQGGDGPEEQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_030930
ORF Size:	1791 bp
Buffer:	PBS with 0.001% Pluronic F6587
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_030930.2</u>
RefSeq Size:	2334 bp
RefSeq ORF:	1794 bp
Locus ID:	81622
UniProt ID:	<u>Q9H1C4</u>
Cytogenetics:	11q13.2
MW:	66.5 kDa