

Product datasheet for **RC203870A1V**

Human VPS33B (NM_018668) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human VPS33B (NM_018668) AAV Particle
Tag:	Myc-DDK
Symbol:	VPS33B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203870 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGGCTTTTCCCATCGGCCGACGCCCTGAGCTGCCTGACTTCTCCATGCTGAAGAGGCTGGCTCGAG
ACCAGCTCATCTATCTGCTGGAGCAGCTTCTGGAAAAAGGATTTATTCATTGAGGCAGATCTCATGAG
CCCTTTGGATCGAATTGCCAATGTCTCCATCCTGAAGCAACACGAAGTAGACAAGCTATACAAGGTGGAG
AACAAGCCAGCCCTCAGCTCCAATGAACAATTGTGCTTCTTGGTCAGACCCGCATCAAGAATATGCGAT
ACATTGCCAGTCTTGTAATGCTGACAAATTGGCTGGCCGAAGCTCGAAATACAAAGTGATCTTCAGCCC
TCAAAAGTTCTATGCGTGTGAGATGGTCTTGAGGAAGAGGAATCTATGGAGATGTGAGCTGTGATGAA
TGGGCTTCTCTTTGCTGCCTCTTGATGTGGATCTGCTGAGCATGGAAGTACCAGAAATTTTCAGGGATT
ACTTTCTGGAAGGAGATCAGCGTTGGATCAACACTGTAGCTCAGGCCTTACACCTTCTCAGCACTCTCTA
TGGACCTTTCCAACTGCTATGGAATTGGCAGGTGCGCCAAGATGGCATATGAATTGTGGAGGAACCTG
GAGGAGGAGGAGATGGCGAAACCAAGGCCGAAGGCCAGAGATTGGACATATCTTTCTCTTGGACAGAG
ATGTGGACTTTGTGACAGCACTTTGCTCCCAAGTGTTTATGAGGGCCTAGTAGATGACACCTTCCGCAT
CAAGTGTGGGAGTGTGCACTTTGGCCCAGAAGTCACATCCTCTGACAAGAGCCTGAAGGTGCTACTCAAT
GCCGAGGACAAGTGTTAATGAGATTCGGAACGAGCACTTCTCCAATGTCTTTGGCTTCTTGAGCCAGA
AGGCCCGGAAGTTCAGGCCAGTATGATCGCCGAGAGGCATGGACATTAAGCAGATGAAGAATTTCTG
GTCCCAGGAGCTCAAGGGCTGAAACAGGAGCACCCTGCTGAGTCTCCATATTGGGGCTGTGAATCC
ATCATGAAGAAGAAAACCAAGCAGGATTTCCAGGAGCTAATCAAGACTGAGCATGCACTGCTAGAGGGGT
TCAACATCCGGGAGAGCACCAGCTACATTGAGGAACACATAGACCGGCAGGTGTCGCCTATAGAAAGCCT
GCGCCTCATGTGCTTTTGTCCATCACTGAGAATGGTTTGATCCCAAGGATTACCGATCTCTGAAAAACA
CAGTATCTGCAGAGCTATGGCCCTGAGCACCTGCTAACCTTCTCCAATCTGCGAAGAGCTGGGCTCCTAA
CGGAGCAGGCCCGGGGACACCCTCACAGCCGTGGAGAGTAAAGTGAGCAAGCTGGTGACCGACAAGGC
TGCAGGAAAGATTACTGATGCCTTCAGTTCTCTGGCCAAGAGGAGCAATTTCTGCCATCAGCAAAAAG
CTGAATTTGATCCACGTGTGGACGGCAGTATGATCTGAAAGTGCCCCGAGACATGGCTTACGTCTTCA
GTGGTGCTTATGTGCCCTGAGCTGCCGAATCATTGAGCAGGTCTAGAGCGCGAAGCTGGCAGGGCT
TGATGAGGTGGTACGGCTGCTCAACTGCAGTGAATTTGCATTACAGATATGACTAAGGAAGACAAGGCT
TCCAGTGAGTCCCTGCGCTCATCTTGGTGGTGTCTTGGTGGTTGTACATTCTCTGAGATCTCAGCCC
TCCGGTCTCTGGCAGAGAGAAAAGGCTACAGGTTCAATTTCTGACGACAGCAGTCACAAACAGCGCTCG
CCTTATGGAGGCCATGAGTGAGGTGAAAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203870 protein sequence

Red=Cloning site Green=Tags(s)

 MAFPHRPDAPELPDFSMKRLARDQLIYLLEQLPGKKDLFIEADLMSPLDRIANVSILKQHEVDKLYKVE
NKPALSSNEQLCFLVRPRIKNMRYIASLVNADKLAGRTRKYKVIFSPQKFYACEMVLEEEGIYGDVSCDE
WAFSLLPLDVDLLSMELPEFFRDYFLEGDQRWINTVAQALHLLSTLYGPFPCYIGRCAKMAVELWRNL
EEEEEDGETKGRPEIGHIFLLDRDVFVTALCSQVVEGLVDDTFRIKCGSVDFGPEVTSSDKSLKVLLN
AEDKVFNEIRNEHFSNVFGFLSQKARNLQAQYDRRRGMDIKQMKNFVSQELKGLKQEHRLLSLHIGACES
IMKKKTKQDFQELIKTEHALLEGFNIRESTSYIEEHIDRQVSPIESLRMLCLLITENGLIPKDYRSLKT
QYLQSYGPEHLLTFSNLRAGLLTEQAPGDTLTAVESKYSKLVTDKAAGKITDAFSSLAKRSNFRAISKK
LNLIPVDGEYDLKVPRDMAYVFSGAYVPLSRIIEQVLERRSWQGLDEVVRLNCSDFAFDTMTKEDKA
SSESLRLILVFLGGCTFSEISALRFLGREKGYRIFLTTAVTNSARLMEAMSEVKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_018668
ORF Size:	1851 bp
Buffer:	PBS with 0.001% Pluronic F5494
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_018668.3</u> , <u>NP_061138.2</u>
RefSeq Size:	2795 bp
RefSeq ORF:	1854 bp
Locus ID:	26276
UniProt ID:	<u>Q9H267</u>
Cytogenetics:	15q26.1
MW:	70.6 kDa